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1902

Vaughan's Seeds

Chicago. New York.

1902

SPECIAL WHOLESALE PRICES OF

SEEDS and GARDEN TOOLS

For MARKET GARDENERS
AND TRUCKERS.

THE NEW SURPRISE PEA.

THE EARLIEST OF ALL THE SWEET WRINKLED PEAS.

EARLIER THAN
AMERICAN WONDER
AND
NOTT'S EXCELSIOR
AND AS EARLY
AS THE EARLIEST
OF THE
HARD ROUND PEAS.

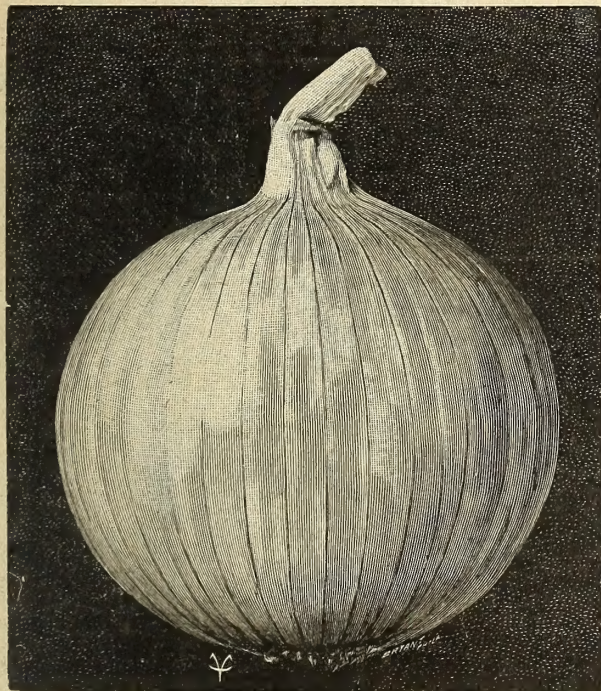
This remarkable new sort is a cross of Earliest of All and American Wonder, possessing the quality of the American Wonder and is as early as the earliest of the Hard Peas. The vines grow 24 inches high and need no bushing, the pods are well filled, containing 6 or 7 Peas. **SURPRISE** is a far better cropper and ready for market days before American Wonder. It was tested in the grounds of the *Rural*

New Yorker and E. S. Carmen wrote of it: "It is the earliest Pea we have ever tried." The editor of the *New England Farmer* writes: "Of thirty-three varieties on trial it was the first to pick and the first to dry down."

SURPRISE has the hardiness of Earliest of All; it is a far better Pea and cannot be recommended too highly. Another very important feature of **SURPRISE** Pea is the fact that it is ordinarily not subject to mildew, and can therefore be planted again in August for a late crop, a point which market gardeners and private planters will appreciate. Price, quart, 30c.; 2 quarts, 55c.; half peck, 85c.; peck, \$1.65; bushel, \$6.00; 2 bushels, \$11.50.



THE NEW SURPRISE PEA.



VAUGHAN'S IDEAL WHITE GLOBE.

Vaughan's Pedigree Onion Seed.

We call the attention of our customers to our selected stocks of these, particularly our Connecticut-grown strains of white, yellow and red Globe, of which there are none better to be found in the country.

The Seeds offered in this list are all special market gardeners' strains, grown from pedigree stocks that can be absolutely relied upon. We have supplied market gardeners for 25 years and our business is increasing every year—the best proof that our seeds give satisfaction.

It is on quality that we have built up our business and it will always be *best quality of everything* with us. Please bear this fact in mind when comparing prices.

206-208 W. Randolph
Street.
Bet. Halsted and Green Sts.

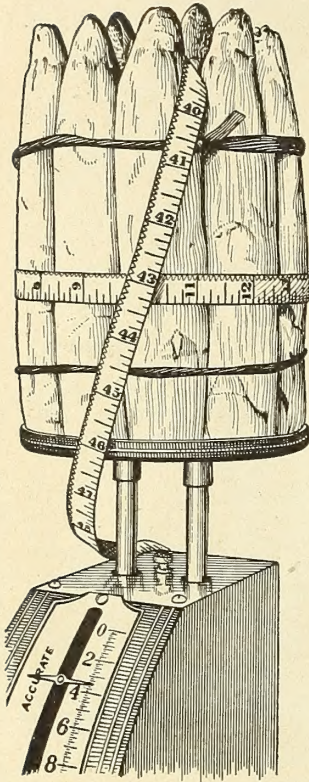
Vaughan's Seed Store, Chicago

84-86 Randolph St.
Bet. State and Dearborn
Streets.

NEW YORK, 14 Barclay Street.

Vaughan's Novelties and Specialties in Vegetable Seeds.

THE Following List Contains the Best Novelties of the Season, together with some of our Specialties and those of other Growers which have Proved to be of Merit.



BONVALLET GIANT ASPARAGUS.

New Asparagus, "Bonvallet's Giant."

Extra Early...
Long Lasting...
Giant in Size...
Rust Resisting.

This new Asparagus brings the highest prices in the Chicago market, and is in great demand for its flavor and great size and whiteness. Its superior qualities are:

Early bearing of extra long spears, which are tender and of fine flavor.

Lasting quality. Since the crown does not divide, it yields large shoots for a longer time than any of the older kinds.

Resistance to the asparagus rust, which has been so disastrous to many asparagus beds.

SEED: Pkt., 10c.; ½ oz., 20c.; oz., 30c.; 2 oz., 50c.; ¼ lb., 85c.; lb., \$3.00.

ONE YEAR OLD SELECTED ROOTS: Dozen, 30c.; 25 for 50c.; per 100, \$1.60; 250 for \$3.25; per 1000, \$12.00. If by mail add 20c per 100 for postage.

An Asparagus Bed

is not planted every year, and a mistake made in the selection of the kind is of serious consequences to the gardener who depends on his asparagus for a revenue, and is very annoying to the man who plants it in his garden. Plant, therefore, the right kind, and Bonvallet's Giant is IT and "Vaughan's Vegetable Garden" will tell you HOW.

New Celery, "Winter Queen."

This is without doubt the most valuable variety of celery for Winter and Spring use ever introduced, even excelling the celebrated Perfection Heartwell as a late Winter keeper. It is also much stouter, thicker and heavier, with double the amount of heart of any known celery. The plant is beautiful in appearance, of close habit and compact growth, and blanches to a beautiful cream-white. Ribs perfectly solid, crisp and of a delicious nutty flavor. It is worthy of first place as a late celery, and will keep longer than any other variety. Grow Winter Queen once and you will grow it always.

Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 45c.; ¼ lb., 75c.; lb., \$2.75.

New Celery, "Far Superior Many Heart."

The quality of this celery is superior to that of most other kinds. It is an excellent keeper and produces plenty of heart, which is now one of the most important points in a celery.

Pkt., 10c.; ½ oz., 15c.; oz., 30.; ¼ lb., 85c.; lb., \$3.00.

New Celeriac, "Earliest of All."

Earliest, Largest, Always Tender, Smooth and Little Foliage. :: ::

Is superior to all other sorts of German or tuberous-rooted celery. In the first place it is the earliest of all, being ready in June. The flesh is pure white and very tender. When full grown the roots surpass those of the giant sorts in size and are never woody. The foliage is very short and the tubers are very smooth, having but a few fine roots on the bottom. On account of its rapid growth this sort is most admirably adapted for late planting. For winter use it can be planted as early as July. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; 2 oz., 65c.

New Sweet Corn, "Peep O'Day or Earliest on Earth."

Of Minnesota origin and has been offered in the Minneapolis market from five to seven days earlier than any other well-known kind in the trade. Ears five inches long, perfectly formed, well filled. The corn is tender and sweet. We are very positive about the earliness of this variety, and that our customers will make no mistake in planting some of it for first early. Per bushel, \$6.00; pk., \$1.65; ½ pk., 95c.; qt., 30c.; pt., 20.; pkt., 10c. If by mail add at the rate of 15c. per quart for postage.



BOUNTIFUL BUSH BEAN.

Sweet Corn, "Oakview Early Market."

As early as Cory The plant is very vigorous and hardy, a little taller and stouter than the Cory, with ears twice as large and produces one or two ears, each covered to the very tip with twelve or fourteen rows of square, white grains of excellent quality. The ears become fit for use about the same time as Cory and average fully twice the length of those of that variety. This sort cannot fail to become very popular with the market gardener. Pkt., 10c.; Pt., 15c.; Qt., 30c.; 4 Qts., \$1.00; peck, \$1.75; bu., \$6.00. If corn is wanted by mail or express prepaid, add 10c. per pint, 15c per quart, for charges.

Green Bush Bean, "Bountiful."

Absolutely Stringless. An improved Long Yellow Six Weeks, being earlier, harder and producing better and larger pods and more of them. It is a very desirable new bean, the pods being absolutely stringless, tender, of finest flavor and good appearance. It is equally valuable for the gardener and for the home garden.

Price: Pkt. 10c.; pint, 20c.; quart, 35c.; 2 qts., 60c.; 4 qts., \$1.10. If by mail add 8c. to the pint, and 15c. to the quart prices for postage.

New Savoy Cabbage, "Iron Head."

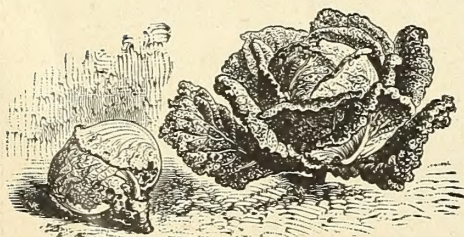
Earliest. Large. This is the best of all the early savoy Tender and Solid. cabbages. The heads are round, very large, of best flavor and as hard as iron. It is the earliest of all. Market gardeners will find it a money maker.

Pkt., 10c.; ½ oz., 15c.; oz., 25c., 2 oz., 45c.; ¼ lb., 80c.

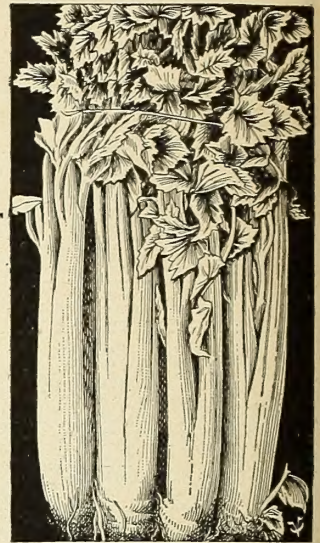
Long Island "Colossal" Savoy Cabbage.

As its name indicates, this new cabbage grows to enormous size, twice that of most savoy cabbages. The heads are extremely hard, of a deep green color, which they retain in all stages. Notwithstanding its great size, the quality is superb, approaching that of the cauliflower when cooked.

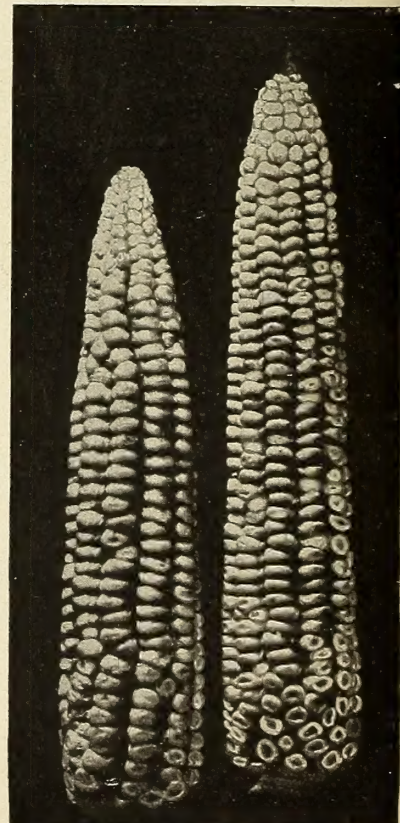
Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 2 oz., 40c.; ¼ lb., 65c.; lb., \$2.50.



NEW "IRON HEAD" SAVOY CABBAGE.



CELERY "WINTER QUEEN."



"PEEP O'DAY" SWEET CORN.

VAUGHAN'S VEGETABLE SEED NOVELTIES AND SPECIALTIES FOR 1902

The "Cumberland" Pickle.

The Best Pickling Cucumber Known. Enormously Prolific. A Shy Seeder. Fine for Both Slicing and Pickling.

This variety of the hardy, White Spine type, is a rapid, strong grower and is very prolific in fruit. The pickles differ from all other hardy sorts in being thickly set with fine spines, except on the extreme stem-end. During the whole period of growth, from the time they first set until full grown, the form is exceptionally straight and symmetrical, making them as choice for a slicing variety as for pickles. The flesh is firm, very crisp and tender at all stages.

Pkt., 10c.; ½ oz., 15c.; 1 oz., 25c.; 2 ozs., 40c.; ¼ lb., 70c.; 1 lb., \$2.50.

Early Cyclone Cucumber.

It is not only the earliest cucumber in cultivation, being fully two weeks ahead of White Spine, but it is of the desirable White Spine type, being shorter, thicker and holding better its deep green color than any other Early Cucumber in cultivation. It is very prolific and grows in fruit in bunches of threes and fours, of uniform size and shape. A single hill will sometimes produce from ten to twelve shapely cucumbers, valuable either for slicing or for pickling. Our seed is from the originator and is therefore absolutely true.

Pkt., 5c.; ½ oz., 10c.; 1 oz., 15c.; 2 ozs., 25c.; ¼ lb., 40c.; 1 lb., \$1.25.

New Endive—Champion Moss Curled.

To our knowledge this is the finest and most curly of the Endives, superior in every way to the old "moss curled" sort.

Pkt., 10c.; ½ oz., 15c.; 1 oz., 25c.; 2 ozs., 45c.

Leek, Long Mezieres Winter.

This new variety excels all the Leeks grown. It has broad, vigorous, erect leaves and a long, good sized stem of snow white color and excellent flavor. It is very hardy, probably as hardy as any winter Leek grown and may therefore confidently be recommended as one of the best sorts for the market.

Pkt., 10c.; ½ oz., 15c.; 1 oz., 25c.; 2 ozs., 45c.; ¼ lb., 70c.; 1 lb., \$2.50.

New Cos Lettuce "Express."

The earliest of all the Cos Lettuces. In color like the Paris Cos, but grows one-third shorter, is in heart at least one week sooner, and is much more self-folding. The top of the heart is flat, and is very slow to run to seed. Entirely distinct from any other Cos.

Pkt., 15c.; 2 for 25c.; ½ oz., 40c.

New Forcing Head Lettuce—"Emperor."

The seed we offer was saved only from heads grown in the hot bed. This is an improvement on the old Emperor Lettuce and is the best of all the forcing head Lettuces. The big solid heads average seven inches in diameter.

Pkt., 15c.; 2 for 25c.; ½ oz., 40c.; 1 oz., 75c.

Musk Melon The "Osage Gem."

For Market and the Home Garden.

This is hard to beat. A splendid shipper. Side like the netted Gem, inside like Osage or Rose; it pleases the eye on sight and confirms the impression by its color and exquisite flavor when cut. It has two great advantages for the gardener: First, it will sell for the highest

price in any market where "Gems" are popular, from its appearance as a first-class type of that variety. Second, when cut it will please all customers who prefer a salmon flesh and will sell on its table merits, which are first-class and reliable, if the crop is well-grown. Pkt., 10c.; ½ oz., 15c.; 1 oz., 25c.; 2 ozs., 40c.; ¼ lb., 65c.; 1 lb., \$2.00; by express, 1 lb., \$1.90; 5 lbs., \$8.75.

Defender Musk Melon.

A variety of unusual merit. In size and shape, Defender is between Osage and Paul Rose and is similar to and has about the same season as the Baltimore, so popular with eastern growers. It has a thick, firm, orange-colored flesh, which is rich and high flavored. Its quality is unsurpassed. Pkt., 10c.; 1 oz., 25c.; 2 ozs., 40c.; ¼ lb., 70c.; 1 lb., \$2.50.

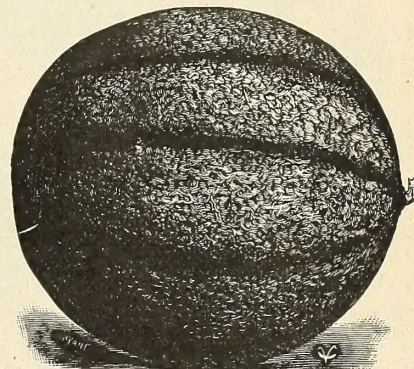
New Extra Early Australian Brown Globe Onion.

Quick to mature; a long keeper; solid and heavy; an excellent onion for shipping. The bulbs are perfectly round or globe shaped. The skin is a light brown. Their solidity gives them great weight and a bushel weighs several pounds heavier than a bushel of American varieties. An average bulb will measure three inches in diameter each way and weigh about seven ounces. The onions are thin-necked and ripen very evenly in all soils. The flesh is pure white, very solid, and exceptionally mild. As the plant makes a very quick growth it matures the bulbs before the hot, dry summer weather sets in, and this in connection with its exceptional keeping qualities makes it a most profitable variety to plant for market. The productiveness of this onion is remarkable. Pkt., 10c.; ½ oz., 15c.; 1 oz., 25c.; 2 ozs., 40c.; ¼ lb., 65c.; 1 lb., \$2.10; by express, 1 lb., \$2.00; 5 lbs., \$9.00; 10 lbs., \$17.00.

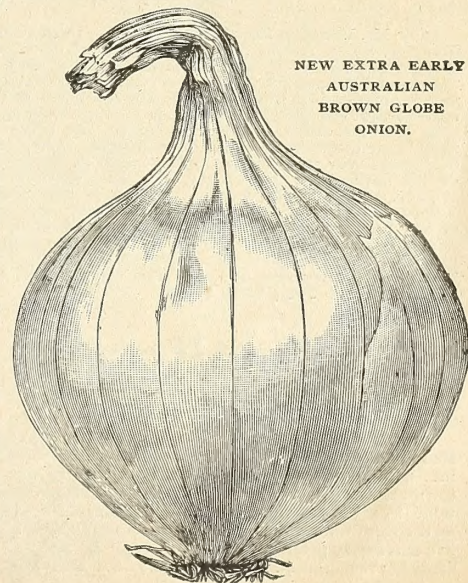
New Onion "Express." As early as White Queen; this new onion is the earliest yellow Onion in existence. The bulbs are round, with very few leaves. It has the flavor, solidity and keeping quality of a first-class Onion and should make good money in the earliest market. Pkt., 10c.; ½ oz., 25c.; 1 oz., 45c.



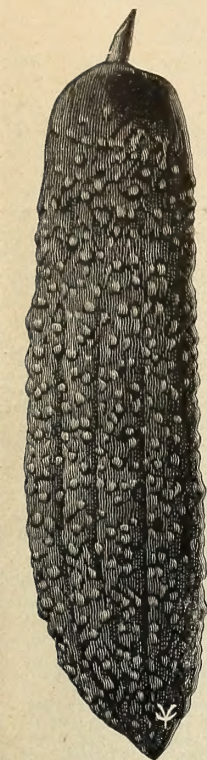
LONG MEZIERES LEEK



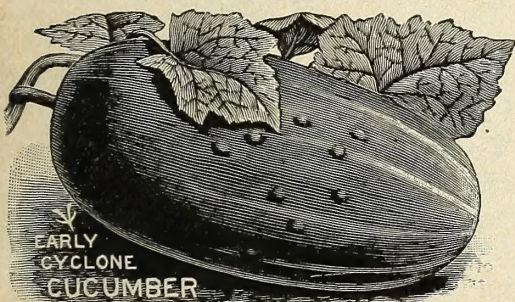
THE OSAGE-GEM MUSK MELON.



NEW EXTRA EARLY AUSTRALIAN BROWN GLOBE ONION.



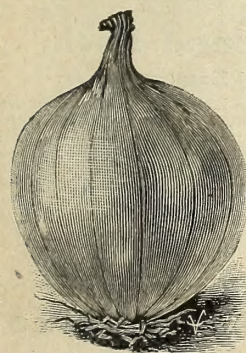
THE CUMBERLAND PICKLE.



EARLY CYCLONE CUCUMBER

THE EARLIEST AND MOST PRODUCTIVE OF THE WHITE SPINES.

prices in any market where "Gems" are popular, from its appearance as a first-class type of that variety. Second, when cut it will please all customers who prefer a salmon flesh and will sell on its table merits, which are first-class and reliable, if the crop is well-grown. Pkt., 10c.; ½ oz., 15c.; 1 oz., 25c.; 2 ozs., 40c.; ¼ lb., 65c.; 1 lb., \$2.00; by express, 1 lb., \$1.90; 5 lbs., \$8.75.



NEW ONION "EXPRESS"

VAUGHAN'S VEGETABLE SEED NOVELTIES AND SPECIALTIES FOR 1902

Vaughan's Model Tomato.

Sent Out Last Year in Trial Packets as "No. 1901."

The foliage is very large, broad, very deep, dark green, and is heavily blistered. The fruit is first-class in size, smooth, very meaty, and of best quality; color, deep, brilliant scarlet. The plants are of bush form (similar to Dwarf Champion), holding the fruit well off the ground. It is the best sort we know for planting on rich, moist land, where the long-vined sorts will often decay. It is one of the first to ripen, which, with its brilliant color, grand size, fine shape and freedom from an "earthy" taste, makes it valuable to all Tomato growers. Grown among 25 leading kinds by a Tomato expert; he pronounces it the handsomest and most attractive sort in cultivation, besides possessing all the other requisite qualities to make it first-class for the house, garden or the market. It is also suitable for growing under glass. We control the entire stock of this Tomato and the genuine can only be procured from us.

Pkt. (50 seeds), 15c.; 2 for 25c.; 5 for 50c.

HILLSDALE COUNTY, MICH.—Your 1901 Tomato is solid, ripens even, a good cropper and compact in growth. I had them to weigh over 12 ounces and had some that were larger. WM. LAMBERT.

KANKAKEE COUNTY, ILL.—I am very much pleased with the new 1901 Tomato you sent me. Simply as a plant it is fine, as its growth is such as to be more attractive than any other I know of. I found them solid and of excellent quality. They are worthy of a place in any first-class garden. S. N. HATHAWAY.

VAN BUREN COUNTY, IOWA.—I consider No. 1901 an excellent variety in every respect. It endured the extreme drought better than the common trailing variety. MRS. AGNES EICH.

KANE COUNTY, ILL.—I was very much pleased with the Tomatoes I raised from the "1901" seed you sent me. I found them all you claimed, very prolific, large and solid. I intend to grow them again next year. W. SPITTLE.

BROWN COUNTY, KAS.—Your "1901" Tomato is all right, fine. Our season was dry, but for all that I had a good crop from the seed you sent as a premium. MRS. A. H. ZIMMERS.

NEMAH COUNTY, KAS.—I tried the new Tomato (1901) you sent me and it is a wonderful strain. We have had a fearful drought, hot winds and thermometer up to 104 degrees in the shade steady every day for three weeks, and this is the only Tomato of six different kinds that is all O. K., and no Tomatoes around here have stood the fierce heat. S. G. B. WARD.

New Early Tomato, "Freedom."

As early as Atlantic Prize and superior in other respects. Its value lies not only in the actual time of ripening its first fruit, but that such enormous quantities of fruit can be gathered while all other so-called "Earliest" are ripening only a few. The fruits are of good size, perfectly round, and remarkably handsome, smooth and of brilliant scarlet. The flesh is remarkably solid, having but few seeds. The flavor is perfect, free from any acidity. The fruits are borne in large clusters. Fine fruits can be picked from it in the Fall, long after other varieties have ceased bearing. Pkt., 5c.; 1/2 oz., 15c.; 1 oz., 25c.; 2 ozs., 45c.; 1/4 lb., 75c.; 1 lb., \$2.60.

The Thorburn Century Tomato.

This fine new Tomato is quite distinct, very large, extremely productive and as early as Atlantic Prize. The fruits are of a fine, dark scarlet color, perfectly smooth, thick and always full and plump. Pkt., 10c.; 1/2 oz., 25c.; 1 oz., 45c.

Cream City Tomato. The First Large Tomato to Ripen.

Remarkably prolific; flesh thick and solid. In this new Tomato we have a variety of exceptional merit, coming into use about a week earlier than Acme. It is perfectly smooth and always round, and as large as Perfection. The plants are strong and vigorous, bearing an abundance of large, smooth fruit of a beautiful purplish crimson color, similar to Acme. The flesh is remarkably thick, firm and solid, and of very fine quality, with very few seeds. It is an excellent shipper. Does not crack or rot, as is the case with many of the old sorts. The Cream City is the most profitable tomato for the market gardener and trucker, and is unsurpassed for canning purposes. Pkt., 10c.; 3 for 25c.; 1 oz., 50c.; 2 ozs., 80c.

All Season Radish.

Without doubt the finest of its class. It may be sown from Spring until Autumn, and the roots obtained from late sowings can be kept in storage for Winter consumption. As its name indicates, it is an all-seasons' sort and can be used in all stages, from the size of a marble until full grown. The root is round, of brilliant scarlet color, grows to a very large size and remains firm and brittle to the end. The best radish for all purposes. Pkt., 5c.; 1 oz., 10c.; 2 ozs., 15c.; 1/4 lb., 25c.; 1 lb., 85c.

Rhode Island Rock.

The Wonderful Keeping Turnip.

In this new variety we have a great improvement on the White French Turnip, made after years of selection, by a Rhode Island market gardener. It is fully three weeks earlier than any other turnip of its class, and can be planted later to follow such crops as peas, corn, beets, etc. It is very hard and solid, flesh pure white, fine grained, brittle and sweet. Its crowning point, however, is its wonderful keeping qualities, excelling all other Turnips in this respect. Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; 1/4 lb., 25c.; 1 lb., 80c.

The New "Surprise" Pea.

See Cover.



VAUGHAN'S MODEL TOMATO.

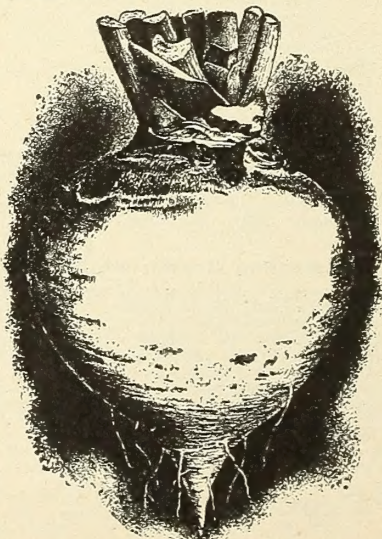
New Musk Melon, "The Syracuse."

Our Mr. Vaughan found this fine melon in the Syracuse markets, where it has been under control of an expert market gardener for several seasons. It is very large, weighing 6 to 9 pounds and larger, mostly oval shape, well netted, giving it a grayish green appearance. In form it is somewhat egg shaped, being rather pointed at the slim end. It is not only large but very heavy. Its bright green flesh being often three inches in thickness. It has a sweet, delicious flavor, which is generally found in Musk Melons of this high green color. Mr. Coy, the western melon grower, writes: "We think favorably of this new sort. Would call it a good shipper, very attractive in appearance and of superior quality." We recommend this melon to experienced melon growers who are looking for a fine variety for the local market where delivery is made by wagons. There is no better new melon of this class. Pkt., 15c.; 2 for 25c.; 5 for 50c.; 1oz., \$1.00.

The "Rose"

Mammoth Pepper.

The earliest, best and most profitable of all the large Red Peppers known. This seems like a rather broad statement, but our customers will find that we are not saying too much for it. It is a very large, handsome variety; the nose is very blunt and large, in many cases almost as large as the stem end. The plants grow about 2 feet high and are extremely prolific. The flesh is thick and mild. We strongly recommend it. Pkt., 10c.; 3 for 25c.; 1/2 oz., 30c.; 1 oz., 50c.



RHODE ISLAND ROCK TURNIP.

WHOLESALE PRICES VAUGHAN'S GARDEN SEEDS.

Grown Especially for Market Gardeners and Truckers.

We have supplied Seeds to market gardeners for twenty-five years. Their needs have been our specialty. Vaughan's Seeds have become their standard. This is the severest test possible. Market gardeners must have productiveness. Their products must be attractive. A Seed House that has met those wants for twenty-five years, and grown great because it met them well, can be relied on to supply the best seeds grown.

This is a list of our Specialties for market gardeners. The Seeds offered here are grown from pedigree stocks. Each variety has been grown in just the part of the earth where climate, soil and season unite to produce the most perfect of its kind. These seeds have been selected by experts to meet your requirements, and to accord with our standards. They can be absolutely relied upon.

A SPECIAL CONCESSION:

We will prepay the transportation charges either by mail, express or freight, at our option, on all seeds at the prices quoted in this catalogue to any point within 500 miles of New York or Chicago, except on Peas, Beans, Corn and Potatoes, or if the order amounts to \$15.00 or over and cash is sent with the order we will even pay freight charges that distance, as above, on Peas, Beans, Corn, and Garden Tools, but **not** on Potatoes. It must, however, be thoroughly understood that the mode of shipment is left entirely to us,—whether mail, express or freight.


ARTICHOKE.

Green Globe.—Produces large, globular heads; scales green, shading to purple; best for general use. Pkt. 10c; oz. 30c.

Globe Artichoke Plants.—Each 25c; doz. \$2.75; by express only.

Jerusalem Artichokes, (Tubers)—Peck, 35c; bushel, \$1.15; bbl. \$3.25. If shipped from New York add 50c. per bbl., and 20c. per bushel.

ASPARAGUS ROOTS.

 **Special Prices on Larger Lots on Application.**

Bonvallet's Giant. See novelties.

Columbian Mammoth White.—One-year old roots, doz. 15c; 100, 75c; 500, \$3.00; 1000, \$5.50; 2 year-old roots, 100, \$1 00; per 1000, \$6.50.

Conover's Colossal.—One-year-old roots, 100, 50c; 1000, \$4.00; 2-year-old roots, good plants, 100, 70c; 1000, \$5.50; 2000, \$10.00; 5000, \$20.00; 3-year-old roots, extra strong, 100, \$1.25; by mail, \$2.00.

Barr's Mammoth.—One-year-old roots, per 100, 60c; per 1000, \$4.50; 2-year-old roots, doz. 20c; 100, 75c.; 500, \$3.25; 1,000, \$6.00.

Palmetto.—One of the hardiest sorts, almost "blight-proof," of excellent quality and fine appearance. One-year-old roots, per 100, 60c.; 500, \$2.75; 1000, \$5.00; 2-year-old roots, per 100, 85c; 500, \$3.75; 1000, \$7.00; 3-year-old roots, per 100, \$1.25;

ASPARAGUS SEED.

The seed should be sown in March or April, just as soon as the ground can be worked, in good, rich, mellow soil, in drills one foot apart, then covered with earth from one-half to three-quarters inch deep.

Conover's Colossal.—5 lbs., Pkt. Oz. ¼ lb. Lb.
by express, \$1.20.....\$0.05 \$0.10 \$0.12 \$0.35

Barr's Mammoth..... 0.5 .10 .15 .45

Columbian Mammoth white.
A new sort; produces white shoots which remain white.. .05 .10 .15 .50

Palmetto.—One of the best..... .05 .10 .15 .50

A RECORD OF 25 YEARS.—A good beginning for Vaughan's Seeds. Each succeeding year finds us better prepared to care for the wants of our customers.

OUR PRICES.

Will be found as low as those of other reputable seedsmen—allowing us only a living profit above the cost of production and marketing.

We know that our seeds are priced as low as good seeds can be supplied at—and we know that our seeds are as good as the best in the country, for that reason we can make no reductions or lower prices except for larger quantities than quoted in this catalogue. It will therefore pay gardeners to club with their neighbors and send us their list for estimates. We can sell larger quantities for less than small ones and in some cases even allow freight charges.

AGENTS WANTED.

We want an agent for our seeds and tools in every community where garden truck is grown largely. This agent must either be a merchant or gardener of good standing and be financially responsible. We invite correspondence. **There is money in it for a live careful man** and it can be made at a time when nothing else is doing.

CLUB WITH YOUR NEIGHBORS.

If your own order is not large enough to take advantage of the above liberal "Prepaid" offer, combine your order with those of your friends and get **seeds that are fresh, pure and true to name** direct from Vaughan's Seed Store, at a less cost than you can buy "commission" seeds or kept-over stock from a store where seeds are sold as a "side line only."

BUSH BEANS.

Wax or Yellow Pod Sorts.

WARDWELL'S EARLY KIDNEY WAX.

One of the earliest, hardiest and most productive of all Wax Beans. It is nearly a week earlier than the Golden Wax, and yields one-third more, and it is almost entirely free from rust and spots. The pods are long and showy, very tender, stringless, and of excellent quality.

DAVIS WAX.

The pods are very long, white, straight and handsome. This is the most productive bush, wax podded bean in cultivation. The vine is rustless and very vigorous. When young, the pods are very brittle, crisp and tender. **A Market Garden** sort. One of the best of all for shipping as snap beans and of the greatest value for the market.

	Qt.	½ Pk.	Pk.	Bu.	2 Bu.
Valentine Wax.....	25c.	\$ 0 70	\$1 40	\$5 00	\$
Davis Kidney Wax.....	20	60	1 20	4 50	8 50
Wardwell's Kidney Wax.....	25	70	1 40	5 00	9 50
Challenge Black Wax.....	20	60	1 20	4 50	.....
"Stringless" Refugee Wax.....	25	70	1 40	5 00	.....
Saddleback Wax.....	30	90	1 75	5 50	.....
Rustless Golden Wax.....	20	60	1 20	4 50	.....
Prolific German Black Wax.....	20	65	1 25	4 75	9 00
Golden Eyed Wax.....	20	60	1 15	4 25	.....
Giant Yosemite Wax.....	30	1 15	2 00	.....	.....
Detroit Wax.....	20	60	1 20	4 50	8 50
Improved Dwarf Golden Wax.....	20	60	1 20	4 00	.....
Pencil-Pod Wax.....	25	85	1 65	6 00	11 00
Jones' Stringless Wax.....	25	85	1 65	6 00	11 00
Flageolet Wax.....	25	70	1 40	5 00	9 00
Refugee Wax.....	20	60	1 20	4 50	.....

BEANS { Henderson's Bush Lima..... 25 75 \$1.50 \$5.75
Bush Limas { Burpee's Bush Limas..... 30 95 1.85 7.00

NOTE.—We supply half pecks at the peck price and half bushels at the bushel price.

ASPARAGUS CULTURE.

A treatise on the best methods employed in England and France by Barnes and Robinson, with translation of Leboeuf's Essay on Asparagus. Price per copy, bound in cloth, 50c. postpaid.



STRINGLESS GREEN POD.

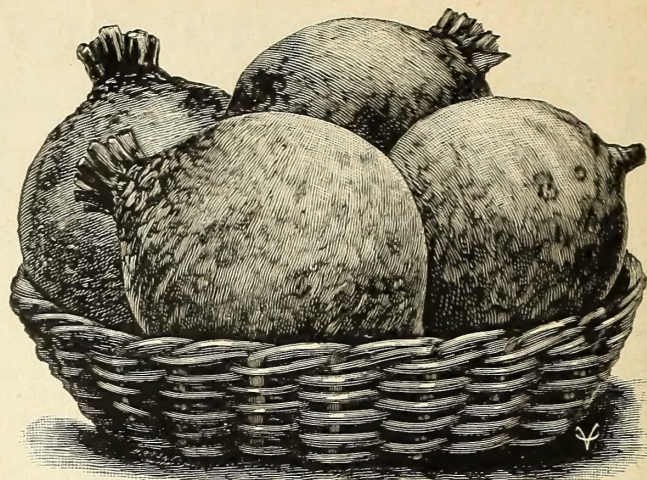
BEANS, Bush or Snap. Green Pod Varieties.

Stringless Green Pod. This new Bean produces a vine similar to Red Valentine, but develops pods to edible condition two to three days earlier than Valentine, that is to say in 30 to 31 days from germination, which extraordinary maturity for table at once advances the Stringless Green Pod to the first rank among Table Beans. The pods are green, not quite so round as Valentine and less curved. The pods are absolutely stringless, breaking as short and free as pipe stems. Added to the very valuable qualities of extra early maturity and entire freedom from strings is to be considered the enormous productiveness.

	QT.	½PK.	PK.	BU.	2 BU
Improved Earliest Valentine.....	\$ 20	\$ 50	\$ 1 00	\$ 3 50	\$ 6 50
Extra Early Refugee.....	20	50	1 00	3 50	6 50
Early Round-Pod Six Weeks.....	25	55	1 10	4 00	
Stringless Green Pod.....	25	55	1 10	4 00	7 50
Refugee or 1,000 to 1.....	20	50	1 00	3 50	6 50
Early Mohawk.....	20	50	1 00	3 50	6 50
Long Yellow Six Weeks.....	20	50	1 00	3 50	
White Marrow.....	20	50	95	3 50	
White Kidney.....	20	55	1 00	3 50	
Dwarf Horticultural.....	20	60	1 15	4 50	
English or Broad Windsor.....	25				
Improved Navy.....	20	60	1 10	4 00	
Longfellow.....	25	70	1 35	5 25	
Triumph of the Frames.....	40				
Mammoth Stringless.....	20	55	1 10	4 25	8 25
Bountiful, new.....	35	1 10	1 75		

POLE BEANS.

	QT.	½PK.	PK.	BU
Kentucky Wonder, or Old Homestead.....	\$ 25	\$ 80	\$ 1 60	\$ 6 00
Early Golden Cluster Wax.....	25	90	1 75	
Lazy Wife.....	25	90	1 75	
Dutch Case Knife.....	20	65	1 25	5 00
Horticultural Cranberry.....	20	75	1 50	5 50
Creaseback.....	20	75	1 50	5 50
Scarlet Runner.....	25	70	1 40	
Ford's Mammoth Lima.....	25	80	1 60	6 25
Large Lima, Selected Seed.....	20	75	1 50	5 75
Dreer's Improved Lima.....	25	85	1 70	6 50
"King of the Garden" Lima.....	25	80	1 60	6 25
Extra Early Jersey Lima.....	25	85	1 70	6 50



EDMAND'S EARLY BLOOD TURNIP.

BEET.

It Requires From 5 to 6 lbs. to Sow an Acre.

CROSBY'S EGYPTIAN—Vaughan's Selected Stock. The Earliest Beet in the Market. A selection from Early Egyptian, which retains the earliness of the parent stock and has added thickness, giving it a more desirable shape. It is the deepest red, almost black in color, and is a finer quality than the Egyptian, being sweeter and smoother. The most desirable sort for small beets for early market, as it is in presentable market shape quicker than any of the others. It is a very rapid grower and can be sown outside as late as July.

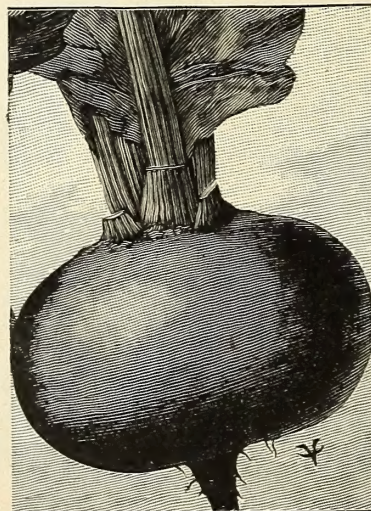
NEW "CRIMSON GLOBE" BEET. The best early Beet, of good size, beautiful form, best flavor, rich, deep blood red color. A money maker.

	2 oz.	¼ lb.	1 lb.	5 lbs.
Crosby's Egyptian, American Grown.....	\$ 15	\$ 20	\$ 60	\$ 2 75
Imported.....	15	20	50	2 00
Improved Early Egyptian.....	10	15	40	1 80
Eclipse, Extra Select Stock.....	10	15	40	1 80
Vaughan's Chicago Market.....	15	25	90	
Dewing's Early Blood Turnip, Select.....	15	20	40	1 60
Crimson Globe.....	15	25	75	3 50
Half Long Blood, very deep red.....	15	20	50	2 20
Long Smooth Dark Blood.....	10	15	35	1 50
Edmand's Blood Turnip, select stock.....	10	15	40	1 60
Bastian's Blood Turnip, a good sort.....	10	15	40	1 75
Detroit Dark Red Turnip.....	15	20	50	2 25
Swiss Chard, or Summer Spinach.....	10	15	40	
BEET—MANGEL WURZEL.				

Vaughan's Mammoth Long Red.....	10	25	1 00
Champion Yellow Globe.....	10	25	1 00
Golden Tankard.....	10	25	1 00
Giant Yellow Intermediate.....	10	25	1 00

SUGAR BEETS.

Vilmorin's Imperial White.....		20	90
French Red Top.....		15	65
Lane's Improved White.....		20	90
Klein Wanzleben. (Best German).....		20	90



CROSBY'S EGYPTIAN BEET.

BORECOLE or KALE.

Dwarf Green Curled, oz ¼ lb. lb.		
extra Selected.....	\$ 10	\$ 15 \$ 50
Tall Green Scotch.....	10	20 60
Siberian.....	10	15 50
Sea.....	30	

BROCCOLI.

Purple Cape.....	30
Large White Mammoth.....	30

BRUSSELS SPROUTS.

Paris Market.....	15	40 1 30
Improved Extra Dwarf.....	10	35 1 25

If you are interested in Poultry send for our Poultry Catalog—Free.

Cabbage. VAUGHAN'S SURE HEADING SEED.

"Early Spring," the Earliest Flat Headed Variety.

It is of the type of the Early "Allhead," resembling it in habit of growth, but is smaller and is nearly as early as the Wakefield. The heads have few outside leaves and these are small and grow so close to the head that they can be planted very close together. It is round in shape, slightly flattened, very solid, even before the Cabbages attain their mature size. On account of its shape, productiveness and solidity, and following the Wakefield so closely, it becomes one of the most profitable early sorts. Market Gardeners cannot afford to be without this as it is a good "seller," round Cabbages receiving always the preference if offered in competition with pointed heads.

VAUGHAN'S SELECTED EARLY JERSEY WAKEFIELD.

The best early cabbage in cultivation.

It forms fine solid heads of good size, conical in shape, with very few outside leaves, and of the best quality. We offer this as the earliest strain of this standard variety. **Grown only from selected heads.** Our strain is remarkably pure; bound to give satisfaction.

Large Jersey Wakefield.—This sort forms heads considerably larger than the Early Wakefield; they are uniform, hard and solid, and only a few days later.

Allhead Early, or Faultless.—This new sort forms heads one-third larger than any other Summer Cabbage, besides being the largest of all early cabbages. The heads grow so compactly and free from outer leaves that up to **one thousand more heads** can be grown on an acre. No gardener can afford to be without this sort.

DUTCH WINTER OR HOLLANDER.

The Best Cabbage for late Spring Sales and for Shipping.

For several years past shipments of Cabbages have been imported from Holland and sold in the Chicago market at prices nearly double those obtained for the product from our home gardens. The heads of this valuable sort are of medium size, averaging a weight of 8 pounds; are **very solid and deep**, and of a **fine white** color, making them entirely distinct from any other strain. Their quality is superior and they **keep better than any other sort**, their heads being just as solid and perfect when taken up in the Spring as when they were put away in the Fall. No Cabbage will sell beside it even if offered at half the price.

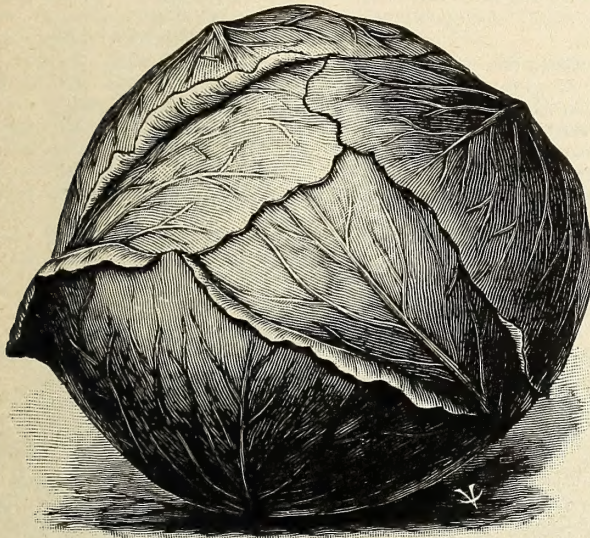
DANISH BALL-HEAD.—This splendid shipping Cabbage is also sold under the name of "Solid Emperor" or "German Export." Our strain of this is unexcelled—the best to be had, imported direct from Denmark. It is one of the few imported kinds that will produce solid heads that keep through the winter.

Luxemburg, or Hard-Head.—It makes a **very hard head of good size** and extraordinary weight, and is remarkable for its **keeping qualities** when buried under winter.

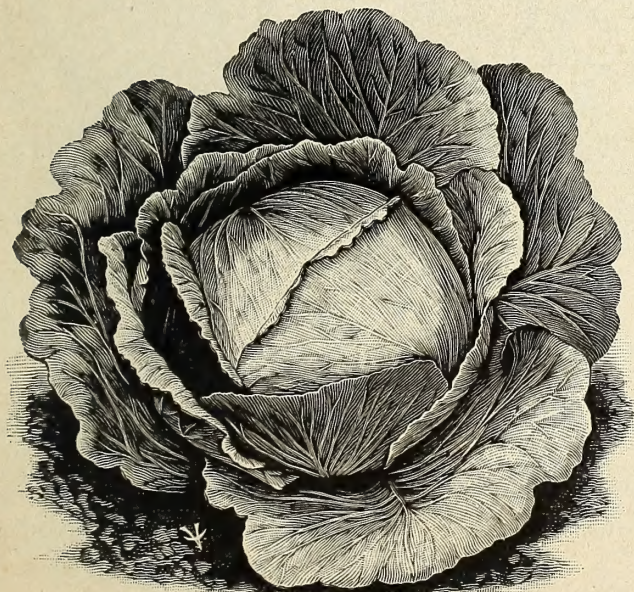
	Oz.	2 oz.	¼ lb.	lb.
Vaughan's Selected Jersey Wakefield.	\$0 30	\$0 50	\$0 85	\$3 00
Large Jersey Wakefield.	25	40	65	2 50
Early Jersey Wakefield.	25	40	65	2 50
Early Spring, 5 lbs. \$11.00.	20	35	60	2 00
Earliest White Giant, new.	50	90	1 45	
Extra Early Express, ready in 90 days.	20	35	60	2 00
Extra Early Etampes.	15	25	50	1 75
Early York.	15	25	40	1 25
Early Winnigstadt.	15	25	40	1 25
Early Summer, True Stock.	20	35	60	2 00
Early Flat Dutch.	15	25	45	1 60
Filderkraut.	15	25	40	1 40
Henderson's Succession.	20	35	65	2 40
All-Head Early, or Faultless, 5 lbs. \$10.00	20	35	60	2 25
Surehead, selected stock.	25	40	70	2 50
Vandergaw, or Vaughan's Market Gardener.	20	35	55	2 00
Fottler's Improved Brunswick.	15	25	45	1 50
Fottler's "The Blue" strain.	20	35	60	2 00
Vaughan's Premium Flat Dutch, best, 5 lbs. \$9.00.	20	35	60	2 00
Warren's Improved Stone Mason.	20	35	60	2 00
Autumn King, or World Beater.	15	25	50	1 80
All Seasons.	20	35	65	2 50
The "Lupton," a good winter Cabbage.	20	35	50	1 80
Bridgeport Drumhead, extra selected stock.	25	40	65	2 40
Large Late American Drumhead.	15	25	45	1 50
Marblehead Mammoth.	15	25	50	1 75
Dutch Winter, or Hollander, 5 lbs. \$10.00	25	40	65	2 50
Danish Ballhead.	30	50	85	3 00
Luxemburg, or Hard-Head.	25	40	65	2 50
DeVertus, largest Savoy.	15	25	50	1 80
Small Early Ulm Savoy.	15	25	40	1 40
Marvin's Savoy, the best late true stock	20	35	60	2 00
Improved American Savoy.	15	25	45	1 40
Extra Early Dark Red Erfurt.	20	30	50	1 80
Giant Red Erfurt.	20	35	55	1 90
Dark Red Dutch, Large.	15	25	45	1 50
Red Drumhead.	15	25	45	1 50
Mammoth Rock Red, best of all.	25	40	60	2 25



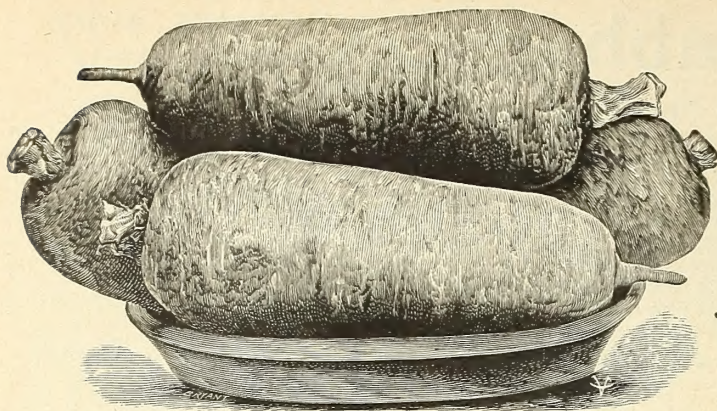
VAUGHAN'S SELECTED EARLY JERSEY WAKEFIELD.



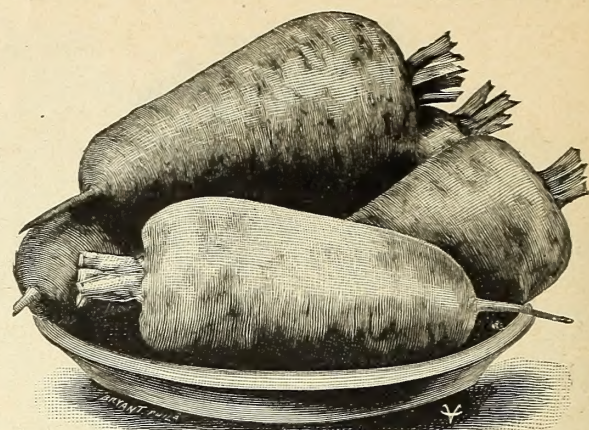
DUTCH WINTER OR HOLLANDER.



VAUGHAN'S IMPROVED LATE PREMIUM FLAT DUTCH.



VAUGHAN'S SELECT DANVERS.



EARLY CHANTENAY—THE BEST BUNCHING CARROT.

REMEMBER: What does it amount to when you save a few cents in buying seeds of doubtful quality in comparison to the risk of losing a whole season's labor, time and ground.

CARROTS.

VAUGHAN'S SELECT DANVERS.

The best variety for general crop; it is of rich orange color, and a very heavy yielder; a splendid keeper. It is a first class carrot for all kinds of soils, and valuable both for table use and for stock. We have an extra fine strain of seed of this favorite sort, which we have sold many years with the greatest satisfaction to our customers.

GUERANDE, OR OXHEART.

A thick carrot, 5 or 6 inches long and very blunt at the lower extremity. It grows very rapidly; and the root attains a weight of more than a pound. Is tender and of good flavor, and a variety we can recommend to all market gardeners.

IMPROVED LONG ORANGE.

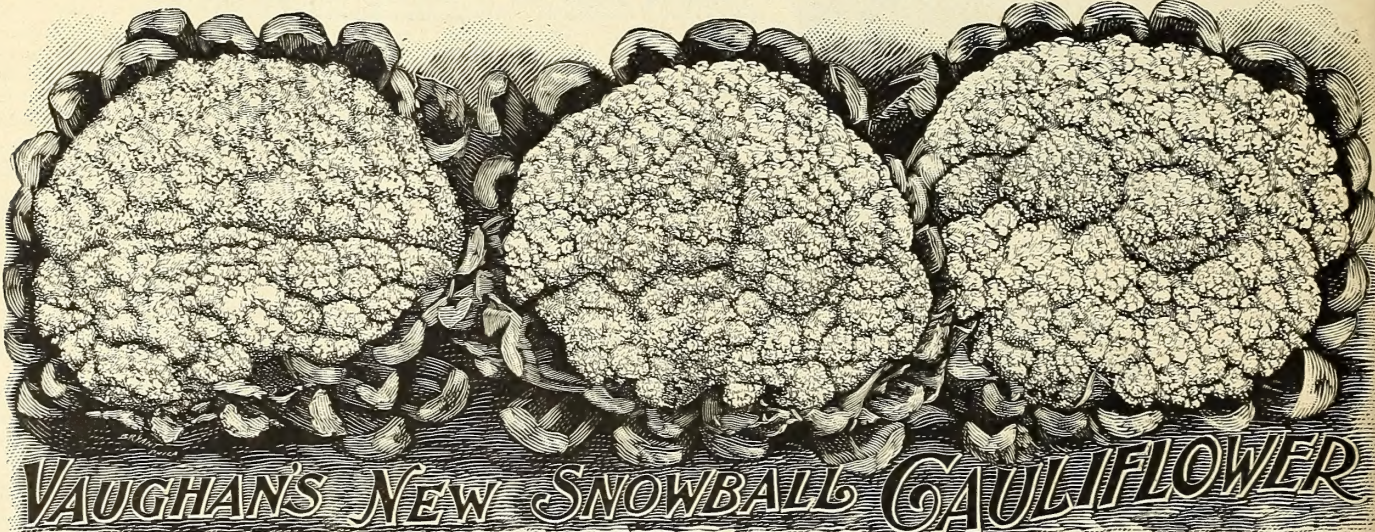
A well-known sort, roots long, thickest near the crown, tapering regularly to a point, color deep orange; suitable for the table and main field crop. Our strain of this is excellent.

EARLY CHANTENAY

Best for Bunching.

This is the best early Carrot in existence, one which market gardeners should plant for their main early crop. The carrots grow about six inches long, are stump rooted, very smooth, deep red fine grained, sweet and sugary, and not so apt to crack open while growing. An excellent sort and a heavy cropper,

INCHES LONG	OZ.	¼ LB.	LB.	5 LBS.
2 Very Early Scarlet (French Horn).....	.10	.25	.90	
4 Early Short Stump Rooted (Dutch Horn).....	.10	.25	.80	3.50
6 Nantes, Half Long Scarlet, Stump Rooted. .10	.25	.75	3.25	
5 Guerande Half Long (Oxheart).....	.10	.25	.85	4.00
6 Chantenay, one of the best half long.....	.10	.25	.75	3.50
8 Vaughan's Select Danvers.....	.15	.40	1.40	6.25
8 Danvers, Half long.....	.10	.25	.75	3.25
14 Improved Long Orange.....	.10	.20	.65	3.00
10 White Intermediate Mastodon.....	.10	.20	.50	2.25
16 Long White Belgian, green top.....	.15	.45	2.00	
16 Long Orange Belgian.....	.15	.45	2.00	
10 Long Lemon Stump Rooted.....	.10	.20	.65	



VAUGHAN'S NEW SNOWBALL CAULIFLOWER

The Best for
Early and Late
Summer and
Fall Crops.
Always Sure to
Make a
Solid
White Head.

We know of no better type of this variety—very early, smoothly round-ed heads, fine grained compact, even in size. This variety, white a first early, is better adapted generally to Fall use than the large late sorts commonly used for that purpose. We stake our reputation on its merits against all comers. All we want is that our customers try it—everyone who uses cauliflower, according to his needs—from packets to pounds. It will give satisfaction by the dozen plants or in a dozen acres. The habit of the plant is close growing and compact, and plants can be set closely together, from 18 to 21 inches. "Every plant," says our grower, "which did not produce a perfect head was discarded when selecting our stock plants for seed." Our customers have found it, by careful tests, fully equal to the best Cauliflower which they have ever grown, and our Chicago Market Gardeners, who planted it quite extensively this past summer, are already placing orders for 1902. "Vaughan's New Snowball" is put up in packages as follows: Pkts., ¼ oz., ½ oz., 1 oz., and ¼ lb., sealed with our trade mark and with distinctive paper and printing. Price, pkt., 25c; ¼ oz., 75c; ½ oz., \$1.35; oz., \$2.50; ¼ lb., \$9.00; lb., \$32.00

The seed of this Cauliflower was saved with the greatest care and only from perfectly developed heads which yield but little seed. "Cheap" Cauliflower seed is a very poor investment because it cannot be good.

CAULIFLOWER.



The Very Best for Forcing, and Earliest in Open Ground.

Cauliflower seed should be thoroughbred. Erfurt best strains have a fifty-year pedigree. Vaughan's Earliest Dwarf Erfurt combines all pedigree points—earliness, purity of color, dwarf habit, fine grain. This seed will produce Cauliflowers worth the highest market price. It cannot be sold cheap for above reasons; but the shrewdest gardeners find it the most profitable.

Lb., \$30.00; ½ lb., \$8.50; oz., \$2.50; ¼ oz., 75c.; pkt., 25c.

Extra Early, or Second Erfurt.—A very fine strain, producing large, white firm heads, close and of excellent quality. It is dwarf, extra early, and always certain to head, for early or late. We sell this largely to gardeners, who prefer it to Snowball.

Lb., \$20; ½ lb., \$6.; oz., \$1.75; ¼ oz., 60c.; pkt., 10c.

Danish Snowball.—This is a grand second early. It is the result of long, careful selection, and uniformly produces even, regular heads. Through many seasons it has proved itself reliable, and gardeners can trust it every time.

Lb., \$20; ½ lb., \$5.00; 2 oz., \$2.75; oz., \$1.50; ¼ oz., 40c.; pkt., 10c.

Large Early Erfurt.—This is a vigorous growing variety, with large, white, firm heads. It is the very best sort for a second crop. ½ lb., \$2.50; oz., 75c.; ¼ oz., 40c.

	oz.	½ lb.
Extra Early Paris	\$0 50	\$1 50
Half Early Paris, a standard early sort.....	60	2 25
Algiers, large late	40	1 25
Lenormand's Short Stem Mammoth.....	50	1 50
Autumn Giant, very large and productive	50	1 50

	oz.	½ lb.	lb.
Chervil, double curled.....	\$0 10	\$ 20	\$0 50
Chicory, large rooted Magdeburg.....	06	15	40

CELERY.

VAUGHAN'S GIANT GOLDEN HEART.

The Best Celery for Winter Storage.

Ever since we introduced this Celery it has gained in public favor, and rightly so, for it is not only the best keeper, but it is large, solid, as sweet as a walnut, and of a beautiful golden color. It is a selection from the Dwarf Golden Heart, grows much larger than its parent, but otherwise possesses all its excellent qualities. We strongly recommend it to gardeners.

WHITE PLUME, SELF-BLANCHING.

Vaughan's Selected Stock.

This sort is too widely known to require an extended description. We will only say that we have not yet found a Celery that is as early and of as good a flavor, as crisp and tender as our selection of this sort. We sell every year large quantities of this seed to market gardeners, who find it *uniformly white and free from green or hollow stalks.*

GOLDEN SELF-BLANCHING.

Our seed from the original Paris introducers is as pure a strain as exists. Its rich, golden yellow color, its close habit and compact growth, and, greater than all, the readiness with which it is bleached and rendered marketable, make it invaluable to the gardener and exceedingly popular with every planter.

See our Celery Manual, price 50c., or free with an order for Celery Seed, amounting to \$3.00, if requested.

	½ oz.	oz.	2 oz.	¼ lb.	lb.
Far Superior Many Heart.....	\$0 15	30	0 50	0 85	3 00
Vaughan's Giant Golden Heart.....	12	20	35	60	2 00
Pink Plume, excellent sort.....	12	20	35	60	2 00
Giant Pascal, a self-bleaching variety	10	15	25	45	1 65
Dwarf Golden Heart, the old stand-by.....	10	15	25	40	1 40
Perfection Heartwell.....	10	15	25	40	1 40
Golden Self-Blanching, Best American-grown.....	20	35	60	1 00	3 50
Golden Self-Blanching, Best French-grown.....	25	45	80	1 30	5 00
Solid Ivory or Kalamazoo.	10	15	25	40	1 40
Crawford's Half Dwarf.....	10	15	25	40	1 40
White Plume, Vaughan's Selected Stock.....	12	20	35	60	2 00
Rose Ribbed Paris, Self-Blanching	15	25	40	70	2 50
Boston Market.....	10	15	25	40	1 40
Evans' Triumph.....	12	20	35	60	2 00
Winter Queen (new).....	15	25	45	75	2 75
Schumacher.....	10	15	25	40	1 40
Turnip Rooted, large Erfurt....	10	15	25	40	1 40
Turnip Rooted giant smooth Prague.....	10	15	25	40	1 40
Turnip Rooted, Earliest of all (new)	20	35	65		

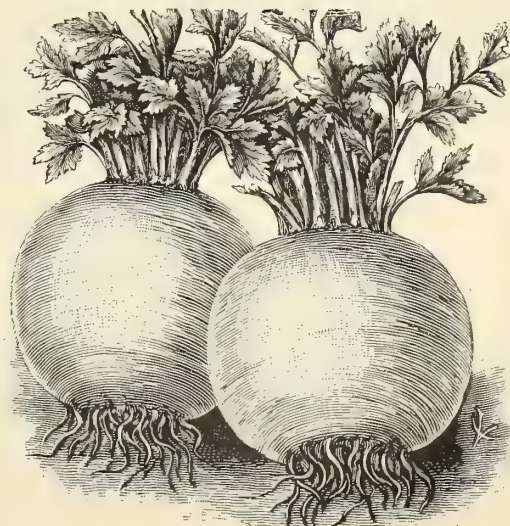


WHITE PLUME, SELF-BLANCHING.

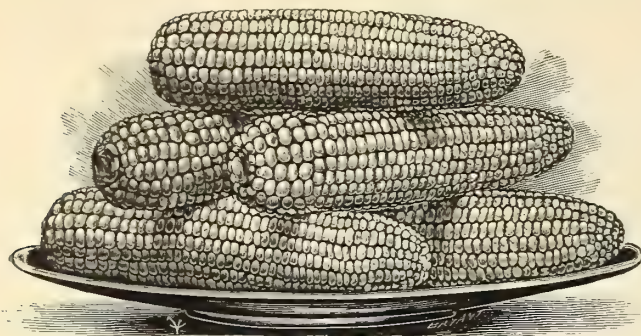


GOLDEN SELF-BLANCHING.

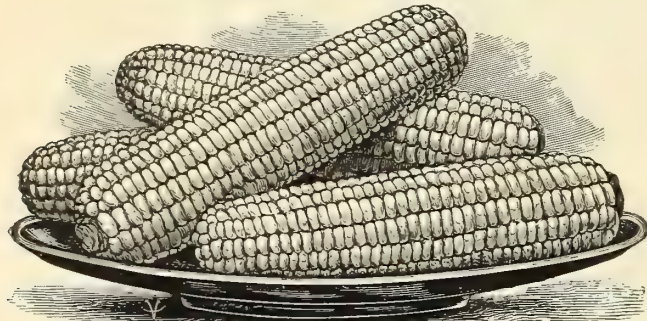
The Recollection of Quality Remains Long After Price is Forgotten.



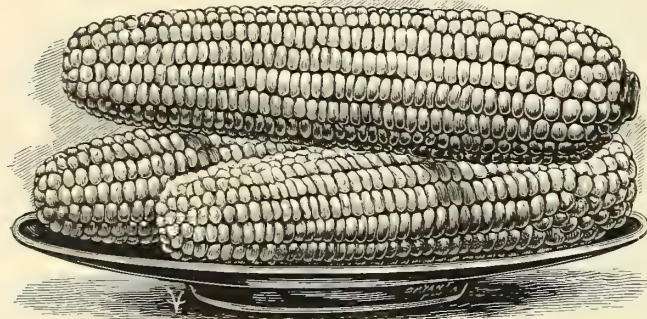
GIANT PRAGUE CELERIAC.



MAMMOTH WHITE CORY.



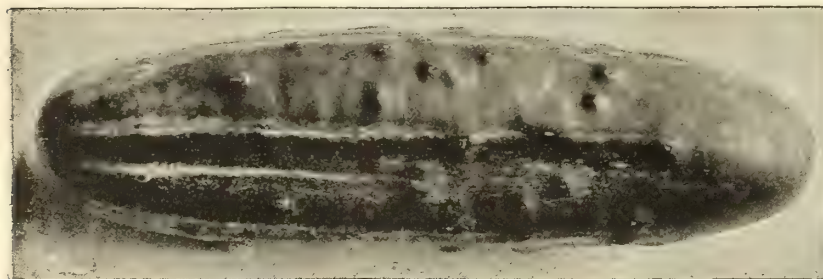
VAUGHAN'S IMPROVED EARLY CHAMPION.



STOWELL'S EVERGREEN.

SPECIAL OFFER.—The three best sorts of Sweet Corn for Succession. Mammoth White Cory, Early Champion, Stowell's Evergreen.

One quart each of above 3 kinds. \$0.50. One peck each of above 3 kinds. \$2.50
One-half peck " 3 " .. 1.40. One bushel " " 3 " .. 8.65



VAUGHAN'S IMPROVED ARLINGTON WHITE SPINE.

One of the most distinct, popular, and profitable of our special introductions. The real merit of this sort has gained for it a large and ever-increasing demand, especially in very large cucumber growing districts of the south and east. Scores of seedsmen are advertising at cheaper rates a White Spine Cucumber claimed to be identical or better than this, but they have never proved their strains to be so, and our market gardener customers are satisfied to "let well enough alone," by continuing to plant our seed. It is beyond question the earliest and most productive variety of this type. Rich green color throughout its entire length and very straight and symmetrical. Lb., 75c.; ½ lb., 20c.; oz., 10c.; 5 lbs., \$3.50; 10 lbs., \$6.50.

EVERGREEN or EXTRA LONG WHITE SPINE.

One of the best table sorts and splendid for forcing under glass. A fine strain, producing smooth, regular fruits, frequently twelve inches long. Smooth, round, handsomely colored, and very regular in size and form; of excellent quality. 3 lbs., \$1.25; lb., 50c.; ½ lb., 20c.; oz., 10c.

SWEET CORN.

MAMMOTH WHITE CORY. The ears are 12-rowed, fully twice the size of the old Cory, white cobbled and covered with very large white grains of good quality. No other Sweet Corn will find ready sale in market which is supplied with Mammoth White Cory, and the gardener who wishes to get the cream of the trade should make his main early plantings of this variety.

VAUGHAN'S IMPROVED EARLY CHAMPION. This fine variety is without question the earliest large Sweet Corn yet introduced, being only a few days later than the first early small sorts. Ears nearly as large as the Mammoth twelve-rowed, pure white kernels, with medium sized white cob; very sweet, tender and full of milk, yielding from two to three ears on the stalk.

EARLY EVERGREEN—The ears grow 8 inches long, are mostly 14 to 18 rows. It ripens 10 to 12 days in advance of Stowell's Evergreen and is equally as good for all purposes. Remaining green a long time, two plantings will extend the season until frost.

EARLY VARIETIES.

	qt.	2 qt.	½ pk.	pk.	bu.	2 bu.
Oakview Early Market.....	\$0 30	\$0 55	\$1 00	\$1 75	\$6 00	
Peep-O'-Day, Earliest on Earth.....	30	55	95	1 65	6 00	
Mammoth White Cory.....	20	30	55	1 00	3 50	\$8 50
Early Cory, or First of All.....	20	30	45	85	3 00	5 65
Champion, Vaughan's Improved.....	20	30	50	90	3 25	6 25
Adams' Early, not sweet but early.....	15	25	40	70	2 50	
Early Minnesota.....	20	30	45	85	3 00	5 70
Crosby's Early, an excellent sort.....	20	30	45	85	3 00	5 70
Metropolitan, a good second early.....	20	30	55	1 00	3 50	6 60

MEDIUM AND LATE VARIETIES.

Early Evergreen.....	20	35	60	1 20	4 00	
Chicago Market, or Ballard's.....	20	30	45	85	3 00	5 80
Perry's Hybrid.....	20	30	45	85	3 00	5 70
Moore's Early Concord.....	20	30	45	85	3 00	
Country Gentleman.....	20	30	50	90	3 25	
Hickox Improved.....	20	30	45	85	3 00	
Black Mexican.....	20	30	45	85	3 00	
Zig Zag Evergreen.....	20	30	45	80	2 75	5 30
Old Colony, genuine stock.....	20	30	45	85	3 00	5 75
Stowell's Evergreen, Connecticut grown.....	20	30	55	1 00	3 50	6 70
" " choice western.....	20	30	45	80	2 75	5 20
Late Mammoth Sugar.....	20	30	50	90	3 25	
Evergreen Fodder.....				60	2 00	

CORN SALAD. Acker oder Feld Salat.

Round leaved, large seeded..... Oz., 10c.; ¼ lb., 15c.; lb., 45c.

CRESS.

	Oz.	¼ lb.	lb.
Curled Garden.....	\$0 05	\$0 15	\$0 40
Water Cress, pkt., 10c.....	30		
Water Cress, Improved Broad Leaved.....	50		
Upland Cress, pkt., 5c.....	25		

CUCUMBER.

Any of the following per oz., 10c, except where marked;

	½ lb.	lb.	5 lb.
Cool and Crisp.....	\$0 15	\$0 50	\$2 25
Japanese Climbing.....	25	90	
Siberian.....	15	40	
Livingston's Evergreen, for pickling.....	15	45	2 00
Parisian Pickling.....	15	40	1 75
Improved White Spine.....	15	40	1 75
Cumberland Pickle, oz. 20c.....	60	2 00	
Improved Chicago Pickle.....	15	40	1 85
Extra Early Green Prolific.....	15	40	1 85
Green Prolific, or Boston Pickling.....	15	35	1 60
Tailby's Hybrid.....	15	40	1 85
Jersey Pickling, Improved.....	15	40	1 85
Emerald.....	20	50	
Early Cluster.....	15	40	1 75
Improved Long Green, extra good strain.....	15	40	1 80
Small West India Gherkin.....	25	75	
Nicholl's Medium Green.....	15	35	1 50
Early Frame.....	15	35	1 60
Early Cyclone, oz. 15c.....	40	1 25	
Fordhook Pickling.....	15	45	2 00

FRAME CUCUMBERS.

Goliath, grows from 20 to 25 inches long; good for frame and out doors, oz. 20c.

Rollison's Telegraph, for forcing. ¼ oz., \$1.20

Noa's Forcing, very prolific, ¼ oz., 75c. Carter's Model, pkt. (25 seeds) 25c.



VAUGHAN'S IMPROVED PURPLE EGG PLANT.



BAVARIAN SELECTED GARLIC.



SHORT-LEAVED EARLY ERFURT KOHLRABI.

	Oz.	¼ lb.	lb.
DANDELION. Thick Leaved or Cabbaging.....	\$0 30		
Improved.....	40		

EGG PLANT.

Vaughan's Improved New York Large Purple.

Very large and smooth, fine dark color. Ours is the spineless kind, most preferred by our market gardeners, both east and west. We have made the most careful selection possible of our stock plants, and know it to be unsurpassed for the market.

Lb. \$3.00; ¼ lb. 80c; oz. 25c. ½ oz. 15.

Black Pekin.—Lb., \$2.25; ¼ lb., 60c.; oz., 20c.

Very Early Dwarf.—Earliest of all; it resembles the New York in shape and color. Oz., 20c.; ¼ lb., 50c.

White Pearl.—Oz., 30c.; ½ oz., 15c.

	Oz.	¼ lb.	lb.
ENDIVE. { Staghorn (corne de cerf).—Best for early			
{ A money maker if sown in hot-bed and			
{ planted out early.....	\$0 10	\$0 30	\$1 00
Endivien. { Green Curled Summer.....	10	30	1 00
{ Green Curled Winter.....	10	30	1 00
{ Moss, very fine curled.....	10	30	1 10
{ Broad-leaved White or Lettuce-leaved.....	10	30	1 00
{ EverWhite Curled.....	15	35	1 25

GARLIC.

Selected Bavarian.—This is a particularly fine strain of Garlic. It originally came from Wurzburg, Bavaria, and has been grown in an old German settlement of Illinois, for a number of years. It is larger and more even than ordinary garlic, keeps much longer without shriveling and is of snowy whiteness. We secured one grower's entire stock, but our supply is limited.

Lb., 25c.; 3 lbs., 65c.; 5 lbs., \$1.00; 10 lbs., \$1.85; 100 lbs., \$16.00.

Ordinary Garlic.—Write for prices.

HERBS.

	Lb.	Oz.		Lb.	Oz.
Balm.....	\$2 00	\$0 15	Rosemary.....	\$2 50	\$0 20
Bohnen Kraut.....	75	10	Sage.....	1 15	10
Borage (Gurkenkraut).....	1 25	10	Summer Savory.....	60	10
Caraway.....	50	10	Sweet Basil.....	1 25	10
Catnip or Catmint.....	40		Sweet Marjoram.....	90	10
Chives.....	40		Tarragon (Esdragon) Pkt. 10c.		
Dill.....	50	10	Thyme.....	2 25	30
Horehound.....		15	Winter Savory.....	2 00	20
Lavender.....	1 25	15	Wormwood.....	1 80	15
Peppermint, 100 seeds 30c.					
(Pkt. 10c.)					
Pennyroyal, (Pkt. 10c.)					

HORSE RADISH.

Horse radish Sets, 100, 60c.; 500., \$2.00; 1000, \$3.75. Extra Size, 1000, \$5.50

	Oz.	¼ lb.	lb.
KOHLRABI. { Short-Leaved Early Erfurt.....	\$0 20	\$0 65	\$2 40
{ Early White Vienna.....	15	45	1 75
{ Early Purple Vienna.....	15	50	1 80
{ Goliath Purple.....	15	50	1 80
{ Goliath White.....	15	45	
{ Broad Scotch.....	10	30	1 00
{ Large Musselburg.....	10	30	1 00
{ Rouen Large Winter.....	15	35	1 25
{ New Mezieres Winter.....	25	70	2 50

LEEK.

LETTUCE.

This is another item of which much carelessly grown seed is on the market. There is no difference in the looks of the seed between good and bad stock, but a vast difference in the crop. Our seed is raised from selected heads only and can be relied upon to give the best results.

BLACK SEEDED SIMPSON.

Vaughan's Selected Stock.

This is by far the most popular sort among the Chicago gardeners. It forms large loose leaves of ideal color; the leaves are large, thin, very tender, and of very good quality. It is one of the best sorts for use under glass as well as for early out-door planting. Our seed of this sort has been most carefully selected, and we sell large quantities to market gardeners.

5 lbs., \$4.25; lb., \$1.00; ¼ lbs. 30c., oz., 10c.

GRAND RAPIDS FORCING.

The Best Sort for Shipping. This grand new forcing variety stands more neglect in the way of watering and ventilation, will grow more weight on the same ground, and stand longer after matured than the Black Seeded Simpson. It is of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other. Its upright habit admits of very close planting. Vaughan's Extra Selected Stock. 5 lbs., \$4.25; lb., \$1.00; ¼ lb., 30c; oz., 10c.

NEW LETTUCE "ALL SEASONS."

This is the best All-Head Lettuce. It forms a very large, solid head, almost as large as a Flat Dutch Cabbage; the flavor is excellent; the inner leaves very tender; slow to go to seed. The heads are of enormous size, very handsome; the leaves a beautiful light green; a very profitable sort for the market gardener and excellent for the home garden. For early or late sowing. Look out for "cheap" stock of this. We are the introducers of it and have the genuine stock.

Lb., \$2 00, ¼ lb., 60c., oz., 20c.

Big Boston, extra selected stock. Lb. \$1.00; ¼ lb., 30; 2oz., 20c; oz., 10c.

NEW FORCING HEAD LETTUCE, "MILLY."

Makes a large firm head in remarkably quick time and of splendid keeping qualities. It is the best head Lettuce for forcing under glass as it grows to a larger size than any other variety. It succeeds also very well as a Spring Lettuce, and even during summer.

Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

ST. LOUIS BUTTER HEAD.

This is a great favorite with our Chicago gardeners, owing to its solidity, crispness and good flavor. It withstands the summer heat extremely well and is slow to run to seed. We can highly recommend it.

Lb., 80c.; ¼ lb., 25c.; oz., 10c.

Any of the following sorts at the uniform price of: Lb., 65c.; ¼ lb., 20c; 2 ozs., 15c.; oz., 10c.

The Morse.
Tilton's White Star.
Early Curled Silesia.
Early Curled Simpson.
Denver Market Forcing.
Blonde Beauty.
Perpignan or Defiance Summer.
Buttercup.
Silver Ball.
Prizehead.
White Seeded Tennis Ball, or Boston Market.

Black Seeded Tennis Ball.
Improved Hanson, very large, firm heads.
New York.
Salamander.
The Deacon, heads large and solid.
Brown Dutch Cabbage.
California Cream Butter.
Trianon Cos (Celery Lettuce.)
Paris White Cos.
Iceberg.
Maximum, new.

Musk Melon

SPECIAL PRICES ON
5, 10 AND 20
LB. LOTS.



VAUGHAN'S ORIGINAL OSAGE MUSK MELON.

VAUGHAN'S ORIGINAL OSAGE.

Introduced by Vaughan's Seed Store. Critical buyers, both seedsmen and gardeners, have always depended on us for the true stock seed which we have grown for us each season in Michigan by the original grower of this Melon.

Price, regular stock, lb., 50c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; 10 lb., \$4.25.

Vaughan's Selected Stock Seed.—Lb., \$2.50; $\frac{1}{4}$ lb., 75c.; 2 ozs., 45c.; oz., 25c.

HUDSON, WIS.—I found your stock of Osage Musk Melon "Selected Stock Seed" the most uniform in size, thickness of meat and excellent flavor. I have had Osage Melon seed from various sources, but none came anywhere near your "Selected Stock."

B. L. GRANT.



Write for
special prices
on large lots.

NETTED GEM—ROCKY FORD. This seed is carefully grown, selected and saved at Rocky Ford under the care and supervision of one of the most careful shippers. It is well known that much seed offered as Rocky Ford stock has been saved by local growers from surplus or cull Melons by men who know nothing of the responsibility of the seed business. Careful planters should avoid this kind of stock, no matter how highly exploited by persons who are not seedsmen. It is as dangerous as to buy poisonous drugs from a grocer instead of a druggist. Price, per lb., 65c.; $\frac{1}{4}$ lb., 20c.; 2 ozs., 15c.; oz., 10c.; 5 lbs., \$3.00.

NETTED GEM, OVAL, Patoka Strain. This Seed has been saved by one of the largest and most successful growers in Michigan and Indiana of true Netted Gem Melons ("Lopes," as they are called) supplying all the leading cities with these shipments in carloads. We believe this to be the most careful, uniform and desirable strain of Netted Gem seed that can be procured in the United States. Careful tests of Rocky Ford seed planted alongside this strain have proven ours to be more uniform in shape than any other. With every order for seed we supply our circular "How to grow Musk Melons," which contains valuable advice. Price, per lb., \$1.10; 5 lbs. for \$5.00; $\frac{1}{2}$ lb., 60c.; $\frac{1}{4}$ lb., 35c.; oz., 15c.

NETTED GEM, OVAL. Our regular stock of this at the following prices is first-class, carefully selected seed, such as no gardener need hesitate to plant. Price, per lb. 50c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; 5 lbs., \$2.25; 10 lbs., \$3.85.

NETTED GEM, Round. This is the true original type of Netted Gem originated in Philadelphia, but our grower has improved it by weeding out so far as possible the oval type. Price, per lb., 50c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; 5 lbs., \$2.25; 10 lbs., \$3.85.

ROSE GEM. The shape, more oval than the original strain, which gives them additional strength to stand shipping. The size has also been improved without losing a day in earliness. We regard it the very best and most profitable extra early melon in existence for market gardeners and shippers. In the hands of Rocky Ford, Col., growers it has made that state famous in eastern markets for melons of unequalled quality. The beautiful green flesh is fine grained, "smooth as butter" and very sweet. Lb., 80c.; $\frac{1}{4}$ lb. 25c.; oz. 10c.

"SEEDS THAT GROW" is extolled with much emphasis by some who sell seeds. Well, so do weed seeds. Vaughan's seeds not only grow but produce crops after their kind.

VAUGHAN'S "PAUL ROSE"

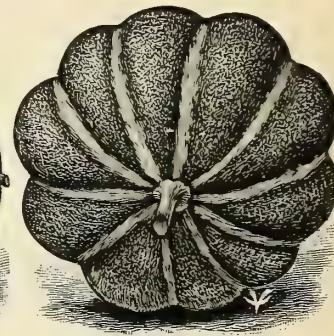


In the "PAUL ROSE" we are offering the Best Musk Melon introduced for many years. It is a successful cross of the Osage with the Netted Gem, and combines the sweetness of the former with the netting of the Gem. It also has a firmness of rind and "cheesy" structure of flesh peculiarly its own. It surpasses all Melons as a shipper and long keeper. It is from 10 days to two weeks earlier than the Osage.

PRICE: { Originator's Selected Stock Seed (Northern Michigan Grown), per lb., \$1.50; $\frac{1}{4}$ lb., 40c.; 2 ozs., 25c.; oz., 15c.; Vaughan's Regular Stock, per lb., 50c.; $\frac{1}{4}$ lb., 20c.; 2 ozs., 15c.; oz., 10c.; 5 lbs., \$2.25, 10 lbs., \$4.00.



CHAMPION MARKET.



EMERALD GEM.

THE "OSAGE GEM."

As early as Netted Gem, of the same size, shape and appearance and as good a shipper as either Osage or Gem. Flesh, orange, solid and of best flavor.

Lb., \$1.90; $\frac{1}{4}$ lb., 60c.; 2 ozs., 40c.; oz., 25c.; $\frac{1}{2}$ oz., 15c.

CHICAGO MARKET. This we consider the best Nutmeg for earliness of maturity, large and uniform size, thickly netted skin, small seed cavity, deep green flesh, juicy delicious flavor and freedom from rot. A favorite with all who prefer a green-fleshed sort. Lb., 50c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.

TIP TOP, Selected Stock. A Melon we recommend to every gardener, It is a yellow fleshed Melon of the very best quality; every Melon produced, big or little, early or late in the season, is a good one. They are sweet, juicy, of finest flavor, eatable to the very rind. It is a strong grower and a heavy yielder, and of handsome appearance. Lb. 50c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; 5 lbs., \$2.00.

Any of the following standard sorts at: Lb., 50c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.

Cannon Ball.
Cosmopolitan.
Extra Early Nutmeg or Early Citron.
Champion Market.
White Japan.
Landreth's Early Citron.
Emerald Gem, one of the sweetest.
Shumway's Giant.

Improved Jenny Lind.
Hackensack.
Extra Early Hackensack, best strain.
Montreal Market Nutmeg, very large.
Bay View, or Sweet Home.
Banana.
Ideal, new salmon, fleshed.

SEEDS ARE DIFFERENT from other merchandise. The real value of Seeds can only be known after months of labor. Buy your seeds of a reliable seed house with a reputation back of it. Seeds of real merit must be grown and sold by practical, trained seedsmen, with a reputation made and to be maintained.



VAUGHAN'S BLACK DIAMOND.

A cross between Kolb's Gem and Hoosier King. All that could be said of the Kolb's Gem as to good shipping qualities can be truthfully stated in a higher degree of the *Black Diamond*. All the praise of high quality bestowed on the Sweetheart can be repeated of this Melon, but its prominent point of merit is its **extreme size**—no melon ever yet produced anything like so uniformly large fruit nor approached it in **productiveness**. Melons weighing **75 to 90 pounds** are frequent. It is the **MOST PROLIFIC WATER MELON**. Its color is a rich, dark green, almost black. Of uniform symmetrical shape, roundish to bluntly oval, and this similarity of shape running through the whole field. The habit of the vine is extremely vigorous. **Oz., 10c.; ¼ lb., 20c.; 1 lb., 50c.; 5 lbs., \$2.25; 10 lbs., \$3.85.**

COLE'S EARLY.—This is the best early melon for the home market to-day. For sweetness and delicate texture of flesh it has no equal. The rind is thin but brittle, and therefore not suitable for shipping; for the home market we know of none better. Extreme earliness is another point in its favor.

5 lbs., \$2.25; 1 lb., 50c.; ¼ lb., 15c.; oz., 10c.

IMPROVED KOLB'S GEM.

The seed of this is saved from large smooth melons of a darker mottled green than the Kolb's Gem. The melons show a yellow blotch on the bottom. It is fully a week earlier in ripening, besides growing larger and being a heavy yielder. **10 lbs., \$3.25; 5 lbs., \$1.75; 1 lb., 40c.; ¼ lb., 15c.; oz., 10c.**



TRIUMPH.

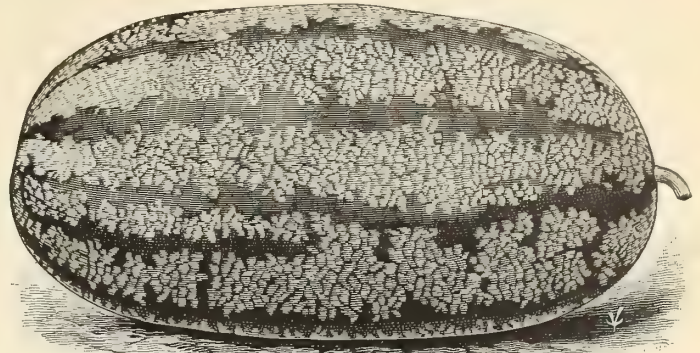
Triumph.—It is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance of the former and the shipping qualities of the Gem: *very early*, very prolific, deliciously sweet, and of enormous size. It possesses all the qualities that go to make up a desirable melon. **Lb., 60c.; ¼ lb. 20c.; oz., 10c.**

Any of the following Standard kinds at the uniform price of **5 lbs., \$1.75; 1 lb., 40c.; ¼ lb., 15c.; oz., 10c.**

Citron, red seeded.
Colorado Citron.
Cuban Queen.
Dark Icing.
Dixie.
Duke Jones.
Early Fordhook.

Florida Favorite.
Gypsy Striped, or Rattlesnake.
Gray Monarch, or long White Icing.
Jones' Jumbo.
Kolb's Gem.
Phinney's Improved.
Seminole.

WATER MELON.

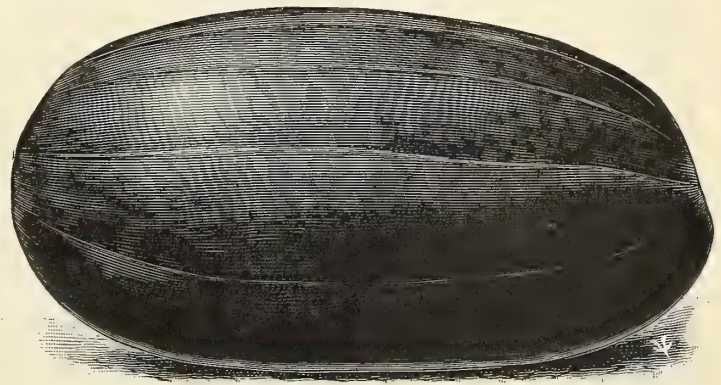


McIVER'S WONDERFUL SUGAR MELON.

THE SWEETEST MELON GROWN.

Without a single exception this is the sweetest Water Melon of all. The Melons attain a great weight, are of a very handsome appearance, *never crack* or loose their fine flavor in the wettest season. It is a very productive and hardy variety and one that will take the lead wherever known.

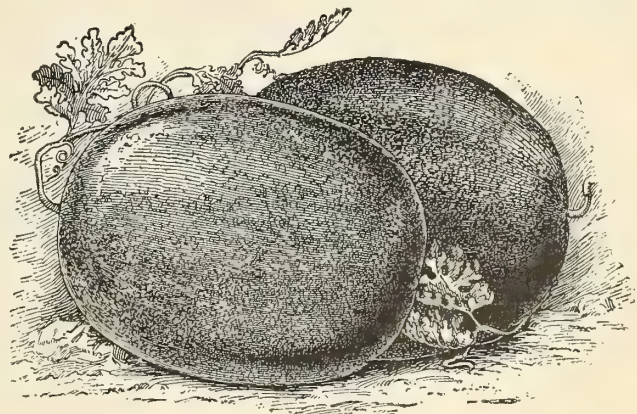
Oz., 10c.; 1 lb., 55c.; ¼ lb., 20c.; 5 lbs., \$2.50.



KLECKLEY'S SWEET.

A large oblong Melon, 20 inches in length by 10 to 12 inches in diameter, somewhat tapering at the ends. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. The large solid heart which does not crack open when ripe. The flesh is sweet and sugary. The Melon is better for home use than for shipping, and we believe it is the best table Melon to-day. Monte Christo is very much like it.

5 lbs., \$2.50; 1 lb., 60c.; ¼ lb., 20c.; oz., 10c.



SWEETHEART.

Our strain is a grand, sweet-hearted kind for home and market use. Vine vigorous and productive, ripening its fruit early; fruit large, oval, very heavy, uniformly mottled light and dark green; rind thin but firm; flesh bright red, firm and solid but very tender, melting and sweet. Remains in condition for use longer than any other sort; seeds gray. **Lb., 45c.; ¼ lb., 15c.; 1 oz., 10c.; 5 lbs., \$2.00.**



MUSHROOM SPAWN.

**WE RECEIVE
FRESH
IMPORTATIONS**
of this spawn 6 to
8 times every year,
and it is the best
that the market
affords.

ENGLISH SPAWN. It comes in pressed bricks weighing about 20 ounces. These are broken up into pieces the size of a walnut and put into the bed eight inches apart each way. **Price per Brick, 25c.; 5 pounds, \$1.00, postpaid. By Express or Freight: F. O. B. Chicago: Per lb. 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.** If shipped from New York, per 100 lbs. \$6.50. Write for price on larger lots.

FRENCH SPAWN—Put up in boxes of 2 pounds each. **Price, per box 75c.; if by mail \$1.20.** The same, loose, per pound 35c.; by mail 45c.

MUSHROOMS, HOW TO GROW THEM.

By Wm. Falconer. The most complete book ever published in America on the cultivation of Mushrooms. **Postpaid: \$1.00.**

ROBINSON'S MUSHROOM CULTURE.

A book bound in cloth, giving directions how to prepare Mushroom beds and raise Mushrooms. **Postpaid: 50c.**

MUSTARD.

	Oz.	¼ lb.	Lb.
White London.....	\$0 05	\$0 10	\$0 30
Brown.....	05	15	30
New Chinese.....	10	20	60

OKRA.

	Oz.	¼ lb.	Lb.
White Velvet.....	\$0 05	\$0 15	\$0 40
Dwarf.....	05	15	40
Tall.....	05	15	40

VAUGHAN'S PEDIGREE ONION SEED.



VAUGHAN'S IDEAL WHITE GLOBE.

VAUGHAN'S IDEAL WHITE GLOBE. This is the handsomest of all onions. Our genuine Connecticut grown stock is of the true globe form; pure white; hard; small necked; ripening very early and evenly; a good keeper. We supply the largest market gardeners in Chicago and the west. No market gardener or onion grower can afford to plant inferior stock, with only cheapness of price to recommend it, when seed like ours is to be had, the results of a few ounces often paying twice the first cost of the best seed.

SOUTHPORT BLOOD-RED GLOBE. Vaughan's Selected Stock, Eastern Grown. We are taking a great deal of pride in our strains of Southport Onions, the white and yellow as well as this one. Our seed onions are selected with greatest care, and none is planted except they have all the necessary requirements of the true type. The onions are almost perfectly globe shaped, with thin necks and clear skin. Our **Blood-Red Globe** is of a beautiful crimson-red, and a better lot of seed cannot be found. This variety has for the past five years proven one of the most profitable for the market and shipping trade, commanding uniformly good prices in carload lots. Ours is the best selling color and shape.

SOUTHPORT YELLOW GLOBE. A main crop, late, large, round onion. It is sure to satisfy the one who buys a packet or the one who sows fifty pounds for carload shipments. A truly grand onion whose large golden-yellow spheres make a beautiful appearance, sacked or barreled for the market. Finest of all yellow onions for keeping.

PRICES.

	oz.	¼ lb.	lb.	5 lbs.	10 lbs.
Vaughan's Ideal White Globe.....	\$0 25	\$0 70	\$2 40	\$11 00	\$21 00
Southport White Globe.....	20	50	1 80	8 50	17 00
Southport Blood-Red Globe.....	15	35	1 10	5 00	9 60
Southport Blood-Red Globe, eastern grown.....	20	50	1 70	8 00	15 00
Southport Yellow Globe.....	15	35	1 10	5 00	9 60
Southport Yellow Globe, eastern grown.....	15	45	1 65	7 80	15 00
White Portugal.....	20	50	1 75	8 50	16 50
White Portugal, eastern grown.....	25	70	2 40	11 00	21 00
Vaughan's Pickling.....	20	50	1 75	8 50	
Early Yellow Cracker.....	15	40	1 40	6 50	12 00
Early Red Cracker, same as the White Barletta, yellow.....	15	45	1 55	7 40	



WHITE PORTUGAL or SILVERSKIN.

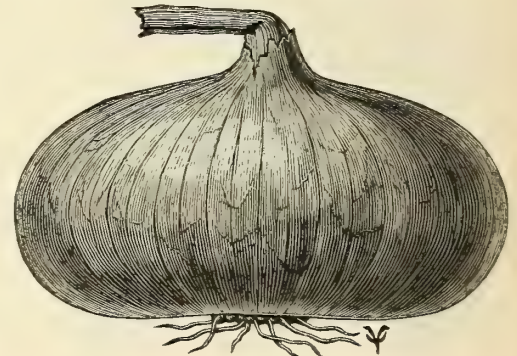
A large, flat onion of mild flavor and great beauty, its clear, white skin glistening like silver. A favorite with many for use when young as a salad or bunching onion, and for pickles; it is also a good keeper and fine for Fall and early Winter use. An excellent sort for gardeners who do not plant more than one variety.

SEE PAGE 4 REGARDING PREPAYMENT OF FREIGHT CHARGES.



VAUGHAN'S PICKLING.

This is a uniformly early, small, round, hard, crisp, tender and very handsome variety, with an opaque white skin, which does not turn green upon exposure to the sun. An excellent sort for use in bunching, for pickles or as large onions.



THE EARLY YELLOW CRACKER.

The earliest of all our yellow sorts, and is an excellent kind to raise where the seasons are short. It is the best of all the yellow onions in quality, but needs to be harvested as soon as it dies down and handled carefully.

Early Red Cracker. Like above except in color, price same as Yellow Cracker.

WHITE BARLETTA. This variety is two weeks earlier than the White Queen. It is a beautiful waxy-white color and grows 1¼ inches in diameter and ¾ of an inch thick, with finely formed bulbs, slightly flattened at the top.

READ AND BE UP WITH THE TIMES.

By T. Greiner.

THE NEW ONION CULTURE

PRICE, 50c.

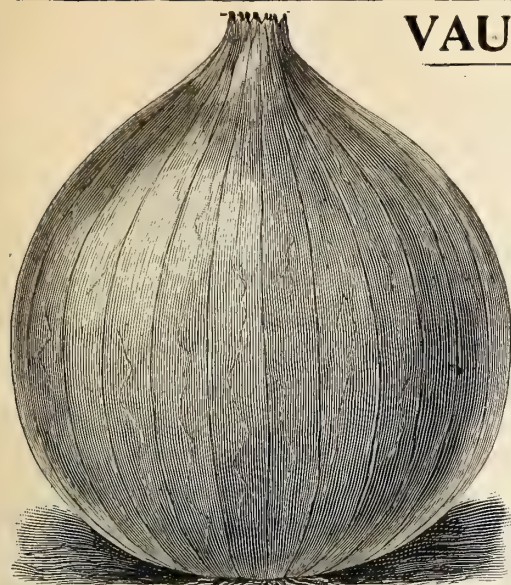
By the process described in this book, a crop of 2,000 bushels per acre can be as easily raised as 500 bushels in the old way.

VAUGHAN'S PEDIGREE ONION SEED.

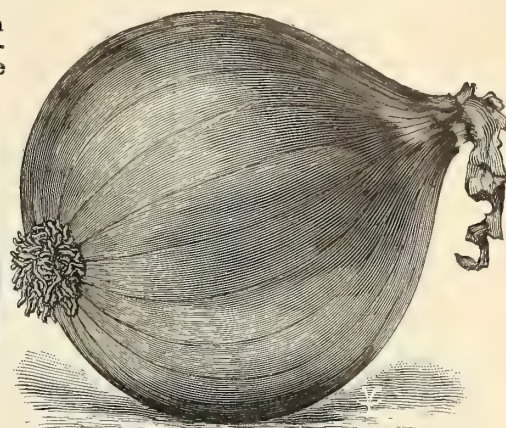
NITRATE OF SODA,

Or Chili Saltpeter.

For Onions, a top dressing of from 75 to 100 lbs. two or three times at intervals of about three weeks, after the crops have well started.



OHIO YELLOW GLOBE.



PRIZETAKER—ONE-HALF NATURAL SIZE.

OHIO YELLOW GLOBE.—Finest Shaped, Best Colored, and Largest Cropper of any Yellow Onion. This is an extra fine selection of the best colored, finest shape, and heavier yielding bulbs; entirely distinct from the old type Yellow Globe Danvers. It is earlier, has a smaller neck, is of perfect globe shape and uniform in size and color.

"FANCY" YELLOW GLOBE DANVERS.—The shape is uniformly round; color, a fine brown, orange-yellow. The entire crop ripens down at one time and winters well. No gardener can afford to experiment with doubtful seed.

PRIZETAKER OR MAMMOTH YELLOW SPANISH.—An excellent keeper, of finest flavor, handsome shape and enormous size, many single onions having been raised to weigh five pounds and over from seed the first year. It is of the same type as those immense imported onions, which can be seen in fruit stores, and always command a very high price. The Prizetaker grows always to a perfect globe shape, with a bright straw-colored skin; the necks are very small and the onions always ripen up hard.

EXTRA EARLY LONG-KEEPING BROWN AUSTRALIAN.—Is of medium size, wonderfully hard and solid, and most attractive for market, both as to form and appearance. They are extremely early in ripening, and never make any stiff-necks or scallions. Every seed seems to produce a good-sized Onion, and the bulb begins to form very quickly, when the plant is not over three inches high. Planted with the Red Wethersfield, it proved to be nearly four weeks earlier and ripened off more uniformly. It will keep longer in good condition than any other Onion known. The color of the skin is a clear amber-brown.

ONION SETS. Prices given are good until the end of February only. Write for latest market prices before ordering.

We sell Bottom Onion Sets, Shallots, White Multipliers, and Potato Onions by weight, 32 lbs. to the bushel. Top Sets, 28 lbs. to the bushel.

WHITE MULTIPLIERS.—Green Onions for First Early Spring Bunching. They are of a pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from one bulb planted. Their most important quality is extreme earliness, being ready for the market three or four weeks ahead of other onion sets. By freight or express, bu., \$4.25; pk., \$1.20; ½ pk., 70c.

SHALLOTS, OR YELLOW MULTIPLIERS.—Bu., \$3.25; pk., 90c.; ½ pk., 55c.

YELLOW POTATO ONION SETS.—Bu., \$3.00; pk., 85c.; ½ pk., 50c.

WHITE TOP SETS.—Scarce this year. Per qt., 50c.

IMPROVED YELLOW TOP SETS.—Very scarce. Qt., 30c.; 4 qts., 90c.

EGYPTIAN, OR PERENNIAL ONIONS.—This variety never forms a large bulb; their value lies wholly in their special adaptability for producing green onions for Spring or Fall use. They are perfectly hardy and stay in the ground all the time. Top sets, bushel (28 lbs.), \$1.50; pk., 50c.

BOTTOM ONION SETS.

WHITE BOTTOMS.—Our sets are very choice, small, dry and unsprouted. Bushel (32 lbs.), \$2.85; pk., 85c.; ½ pk., 55c.

YELLOW BOTTOMS.—Fine, dry sets, medium in size and unsprouted. Bushel (32 lbs.), \$2.35; pk., 65c.; ½ pk., 40c.

RED BOTTOMS.—Bright, deep red in color, even and dry. Bushel (32 lbs.), \$2.75; pk., 80c.; ½ pk., 50c.

If to be shipped from New York add 25c. per bu. to the above prices on onion sets.

ONION SETS are subject to market changes, and while we shall try to maintain the above prices, we cannot guarantee them to last throughout the season, and advise early orders.

PRICES OF VAUGHAN'S PEDIGREE ONION SEED.

	By Mail, Postpaid.			By Express, at Buyers' Expense.		
	1 oz.	½ lb.	1 lb.	1 lb.	5 lbs.	10 lbs.
Large Red Wethersfield.....	\$0 10	\$0 30	\$1 00	\$0 90	\$4 25	\$8 25
Extra Early Flat Red.....	15	35	1 10	1 00	4 75	9 00
Southport Blood-Red Globe.....	15	35	1 20	1 10	5 00	9 50
" Eastern grown.....	20	50	1 80	1 70	8 00	15 00
Prizetaker or Mammoth Yellow Spanish.....	15	40	1 40	1 30	5 70	11 00
Ohio Yellow Globe, Ohio grown (see back cover).....						
Early Flat Yellow Danvers.....	10	30	1 00	90	4 00	7 50
Early Red Globe, Extra selected stock.....	15	45	1 60	1 50	7 00	
"Fancy" Yellow Globe Danvers or Michigan Globe.....	15	35	1 25	1 15	5 50	10 00
Yellow Globe Danvers.....	10	30	1 00	90	4 25	8 25
Yellow Strasburg or Yellow Dutch.....	10	30	1 00	90	4 25	8 25
Southport Large Yellow Globe.....	15	35	1 20	1 10	5 00	9 50
" Eastern grown.....	20	50	1 75	1 65	7 80	15 00
White Portugal or Silver Skin.....	20	55	1 85	1 75	8 50	16 50
" Eastern grown.....	25	70	2 50	2 40	11 00	21 00
Philadelphia Silver Skin.....	20	60	1 90	1 80	8 50	
Southport White Globe.....	20	60	1 90	1 80	8 50	17 00
Vaughan's Ideal White Globe, Eastern gr.; Pkt. 10c.	25	70	2 50	2 40	11 00	21 00
Pickling.....	20	55	1 85	1 75	8 50	
Early Yellow Cracker, Earliest yellow.....	15	45	1 50	1 40	6 50	12 00
Red Cracker.....	15	45	1 50	1 40	6 50	12 00
Brown Australian, Flat.....	10	30	1 00	90	4 25	8 00
" Globe, New (see Novelties).....						
Bermuda White.....	20	60	2 00	1 90		
Red.....	20	60	2 00	1 90		
White Victoria.....	15	45	1 60	1 50		
Adriatic Barletta.....	20	50	1 65	1 55	7 40	
White Queen.....	20	50	1 65	1 55	7 40	14 50
Giant Brown Rocca.....	15	40	1 35	1 25		
Red Victoria.....	15	35	1 20	1 10		
Giant Yellow Rocca or Spanish King.....	15	40	1 30	1 20		
Mammoth Silver King.....	20	50	1 70	1 60	7 60	
New Early "Express" (see Novelties).....						

PARSLEY.

CHAMPION MOSS CURLED. "The Champion" is a prize winning English variety, in appearance like a tuft of finely curled moss, and of a rich, deep green color. It is slow to run to seed, and very hardy. Lb., 60c.; $\frac{1}{2}$ lb., 20c.; oz., 10c.

DOUBLE CURLED--Lb., 40c.; $\frac{1}{2}$ lb., 15c.; oz., 5c.

FERN LEAVED--Lb., 65c.; $\frac{1}{2}$ lb., 20c.; oz., 10c.

PLAIN--Lb., 40c.; $\frac{1}{2}$ lb., 15c.; oz., 5c.

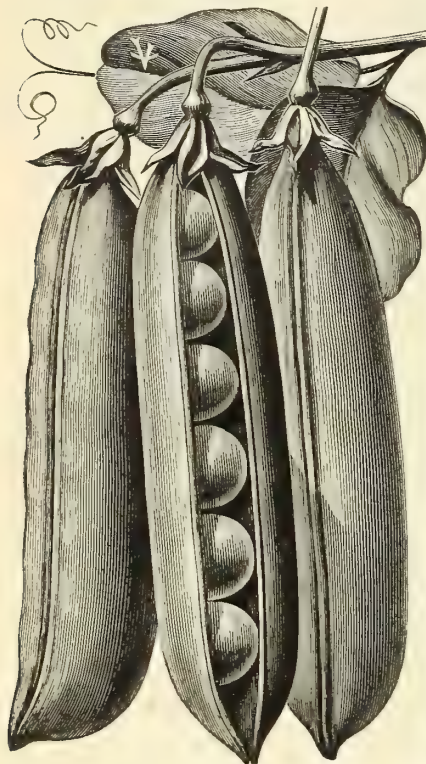
HAMBURG ROOTED, or German Parsley.--Lb., 50c.; $\frac{1}{2}$ lb., 15c.; oz., 5c.

PARSNIP.

MAGNUM BONUM--A very fine and greatly improved strain of Hollow Crown Parsnip which we can recommend to all marketmen as a money-maker. The roots are smooth, not so long as those of the standard sort, somewhat thicker in diameter and much more easily pulled. A very heavy cropper. Lb. 40c.; $\frac{1}{2}$ lb., 15c.; oz., 10c.

IMPROVED GUERNSEY--The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. Of excellent quality. Lb., 35c.; $\frac{1}{2}$ lb., 15c.; oz., 7c.

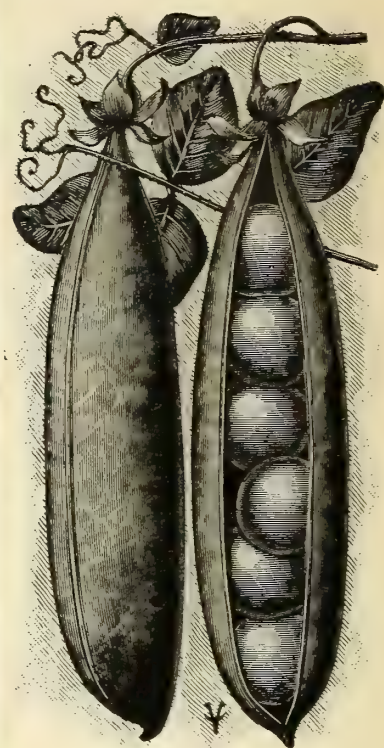
HOLLOW CROWN, OR LONG SMOOTH-(Abbot's Improved.) Lb., 35c.; $\frac{1}{2}$ lb., 15c.; oz., 7c.



MAUD S.



THE "NEW SURPRISE" PEA.



DWARF TELEPHONE OR DAISY

PEAS.

PROSPERITY OR GRADUS.**The Great Extra Early Wrinkled Pea**

This remarkable Pea is not only large and of the best quality, but it is nearly or quite as early as the small, round, extra early sorts. It is sold under two names, but the two strains appear to be identical. It is hardy and may be planted as soon as the ground is fit to work in Spring, along with the smooth Peas. **Gradus** is a wrinkled Pea, with vine growing about thirty inches high. It requires no sticks or brush, though sticks may be used if preferred. The pods are of a bright green color, four inches in length, being as large as Telephone and equally well filled--8 to 10 in a pod.

DWARF TELEPHONE OR DAISY.

Height, 18 inches. Habit, dwarf, stocky, healthy and vigorous, remarkably uniform in height. Very productive plants, frequently bearing from 5 to 7 pods. Season, medium, from 5 to 7 days earlier than Stratagem. Pods frequently 5 inches in length, broad, straight, curved at the end, remarkably well filled, often containing 10 peas. Color, pale green, thick and of good lasting quality for market purposes. Peas of largest size, tender and of delicious flavor; when fit for the table, light green.

VAUGHAN'S IMPROVED TELEPHONE.

This is an improvement on the regular Telephone, on the lines of purity and evenness of growth, greater vigor and productiveness, larger pods, deeper in color and more desirable in every way. The vines and leaves are large and coarse, the pods are large and well filled with large and tender peas, which are sweet and of excellent quality. The pods are of fine appearance, and with the fine quality of the Peas make it one of the best, if not the best, late Pea.

Figures preceding the names indicate the height in inches. Wrinkled varieties are marked thus.*

Extra Early Varieties.

	Qt.	$\frac{1}{2}$ pk.	Pk.	Bu.
30 in. Maud S	\$0 20	\$0 65	\$1 25	\$4 75
28 in. Alaska or Earliest of All	25	75	1 45	5 50
14 in. *Little Gem	25	75	1 50	6 00
14 in. *Extra Early Premium Gem	25	75	1 50	6 00

	Qt.	$\frac{1}{2}$ pk.	Pk.	Bu.
30 in. First and Best	\$ 20	\$ 60	\$1 20	\$4 50
10 in. Blue Peter	20	60	1 10	4 25
11 in. Tom Thumb	20	70	1 35	5 00
10 in. *American Wonder	25	75	1 50	6 00
12 in. *Nott's Excelsior	25	90	1 65	6 50
30 in. Philadelphia Extra Early	20	60	1 10	4 25
30 in. Impr. Daniel O'Rourke	20	60	1 10	4 25
Surprise	30	85	1 65	6 00
Gradus	35	1 40	2 60	10 00

Second Early Sorts.

	Qt.	$\frac{1}{2}$ pk.	Pk.	Bu.
30 in. *Vaughan's Sweet Market	20	60	1 10	4 25
28 in. *Yorkshire Hero	20	55	1 00	3 75
20 in. *Horsford Market Garden	20	65	1 20	4 50
24 in. *McLean's Advancer	20	70	1 35	4 75
24 in. *Heroine	20	65	1 20	4 50
18 in. Dwarf Telephone or Daisy	30	1 00	1 90	7 50

General Crop and Late Varieties.

	Qt.	$\frac{1}{2}$ pk.	Pk.	Bu.
36 in. Long Island Mammoth	20	60	1 00	3 75
24 in. *Pride of the Market	20	60	1 10	4 25
24 in. *Everbearing	20	60	1 10	4 00
50 in. *Champion of England	20	60	1 10	4 00
36 in. Black-Eyed Marrowfat	15	45	80	2 75
42 in. Large White Marrowfat	15	45	80	2 75
24 in. Dwarf Gray Sugar	25	90	1 65	.....
42 in. Tall Gray Sugar	25	90	1 65	.....
24 in. *Improved Stratagem	20	65	1 20	4 50
50 in. Melting Sugar	25	70	1 75	.....
40 in. *Telephone	20	65	1 20	4 50
40 in. *Telephone, Vaughan's Impr.	25	70	1 30	5 00
40 in. *Admiral Dewey	25	75	1 50	6 00

PEPPER.



RUBY KING.

Grows 4½ to 6 inches long by 3¼ to 4 inches thick. The peppers are a bright, ruby red, of remarkably mild taste; one of the best for stuffed pickles.
Lb., \$2.00, ¼lb., 60c., oz., 20c., pkt., 5c.

CAYENNE PICKLING.—Of dwarf habit and does not branch very much but unlike the ordinary Cayenne, the peppers grow erect on the plant and are about 2½ inches long; just the right size for pickling. Pkt., 10c., ½oz., 15c., oz., 25c.

	½ Oz.	Oz.	¼ Lb.	Lb.
Large Bell, or Bullnose.....	\$0 12	\$0 20	\$0 60	\$2 00
Cayenne Long Red.....	15	25	75	
Golden Dawn.....	12	20	60	2 00
Ruby King.....	12	20	60	2 00
Spanish Monstrous.....	12	20	60	2 00
Elephant's Trunk.....	15	30		
Coral Gem Bouquet, Pkt., 10c.....	20	35		
Red Cluster.....	15	25		
Red Cherry.....	15	25	75	



VAUGHAN'S NEW WHITE OHIO.

USE HAMMOND'S SLUG SHOT. To destroy potato bugs and those on tomato and egg plants, currant worms, cabbage lice and worms, flees, beetles, and striped bugs on melons, turnips, beets, onions, etc., canker worms and caterpillars on fruit and ornamental trees. Price, 5 and 10 lb. packages, 6c. per lb.; 25 to 50 lbs. at 4½c. per lb. By barrelful in bulk, 235 lbs., \$9.00 on cars, 3 bbls., in bulk, at \$3.60 per 100 lbs.

Vaughan's Northern Grown Potatoes.

All varieties are true to name and are grown from our own stock seed. We do not substitute or rename kinds in any case. Kindly mention your second choice in case we may be sold out of the kind wanted, if you order late.

	PREPAID.			AT BUYER'S EXPENSE.				
	1 lb.	3 lbs.	½ pk.	Pk.	½ bu.	Bush.	Bbl.	
Vaughan's White Ohio.....	11b. 30c.	75c.	45c.	75c.	\$1 10	\$2 00	\$5 00	
Sweet Home.....	25	60	35	60	90	1 70	4 25	
Nott's Peachblow.....	25	75	45	75	1 25	2 25		
White Triumph.....	30	75	40	70	1 10	2 00	5 00	
Carman No. 3.....	25	60	30	50	85	1 60	4 00	
Early Rose, Minnesota grown.....	25	60	30	45	85	1 60	4 00	
Irish Cobbler.....	25	60	30	50	90	1 70	4 25	
Kaiser Krone, German sort.....	25	75	40	70	1 10	2 00		
Vaughan's Imp. Early Ohio.....	25	60	35	60	1 00	1 80	4 50	
Rural New Yorker No. 2.....	25	60	30	50	85	1 60	4 00	
Hewe's Early.....	25	60	30	50	90	1 70	4 25	
Beauty of Hebron.....	25	60	30	50	85	1 60	4 00	
Sir Walter Raleigh.....	25	60	30	50	85	1 60	4 00	
White Mountain.....	25	75	40	70	1 10	2 00	5 00	
Red Triumph (Bliss).....	30	75	45	75	1 25	2 25		

The prices on our Potatoes are f. o. b. Chicago. If to be shipped from New York, add 50 cents per barrel and 20 cents per bushel; peck and ½ peck prices are the same.

VAUGHAN'S NEW WHITE OHIO. The Early Ohio has been said to be "the best Potato that grows in the ground." By growing it on new land in the far north, by planting only clean, well-shaped, healthy tubers, we have in our Improved Early Ohio the best type of this variety now existing.

A western grower who has been using this Northern seed, found, four years ago, a plant producing pure white Potatoes, identical in every way with the best of the old Ohio, except in color, which is a fine white. This entire stock we purchased two years ago, and still practically control, in all less than four car-loads. It has given the best of satisfaction the past season. For every locality where a white Potato is the popular market color this new Ohio is bound to be a money-making "bread-winner."

WHITE MOUNTAIN. Large creamy white, medium late, very strong grower. Sport from early Potentate. At the Ohio State Experiment Station it yielded 11 bu. per acre more than any other sort. At the New Hampshire Experiment Station, tested with 80 sorts, this was the first in size and the fifth in yield. It is undoubtedly a great yielder, and of first-class table quality. Its strong growth of vines is a great protection against blight and bugs, and this makes a crop when other sorts fail.

PRIDE OF THE SOUTH OR WHITE TRIUMPH. Similar to its parent, the "Early Triumph," except in color. This Potato has been a very profitable crop for several seasons past and on request of many of our customers, we grew a limited quantity of these. We are very much pleased with the results and can recommend it strongly.

SWEET POTATOES.

Write for prices on 3 to 5 bbl. lots.
Prices subject to change.

	½ Bu. Boxed.	Bu. Boxed.	Bbl.
Yellow.....	\$1 25	\$2 00	\$4 00
Red.....	1 45	2 50	5 00
The African Bunch Yam (Vineless) scarce.....	1 75	3 00	6 50

If you keep Poultry ask for our Poultry Supply Catalogue. Mailed Free upon Application.

THE FORCING BOOK.

BY PROF. L. H. BAILEY.

In this work the author has compiled in handy form the cream of all available information on the subject of forcing vegetables under glass. Price, \$1.00.

Every gardener should have this book as it contains a great deal of valuable information.

Vaughan's Radish



VAUGHAN'S TWENTY-DAY RADISH.

VAUGHAN'S EARLIEST CARMINE TURNIP.

VAUGHAN'S EARLY SCARLET
GLOBE WHITE TIP.

IMPROVED BREAKFAST.

VAUGHAN'S "20-DAY" RADISH.

The Quickest of all Red Radishes.

Quick Growth is one of the main essentials for a crisp and tender Radish. This matures in 20 days after sowing, which makes it one of the most valuable sorts for forcing, or out-door culture. The flesh is pure white, crisp and of very pleasant flavor; the skin is a most attractive bright scarlet. The leaves are very short, which admits of very close sowing. 5 lbs., \$2.70; 1 lb., 60c.; ¼ lb., 20c.; oz., 10c.

VAUGHAN'S EARLIEST CARMINE TURNIP.

The best and quickest early scarlet Turnip Radish. Of extremely quick growth, maturing in about 3 weeks. Leaves very short, rendering them particularly adapted for forcing under glass; skin deep carmine red; very attractive. 5 lbs., \$2.70; 1 lb., 60c.; ¼ lb., 20c.; oz., 10c.

IMPROVED EARLY SCARLET GLOBE.

Vaughan's Selected Stock.

We call special attention to our stock of this important Radish, as it was selected with the greatest care regarding color, size and shape and is specially suited for forcing. *Our seed would be cheap at double the price we ask.*

A desirable Turnip sort for hotbed forcing and out doors; very early; flavor mild; crisp, juicy and tender; top small; will stand heat without becoming pithy. One of the best selling and most attractive Radishes on account of its bright scarlet color and handsome shape; is ready in 28 days.

PRICES: Vaughan's Scarlet Globe. Oz., 10c.; ¼ lb., 25c.; 1 lb., 70c.; 5 lbs., \$3.25; 10 lbs., \$6.00. Ordinary Stock Scarlet Globe. Oz., 10c.; ¼ lb., 20c.; 1 lb., 50c.; 5 lbs., \$2.25; 10 lbs., \$4.00.

LEAFLESS FORCING.

The extra early forcing Radishes lately introduced are remarkable for the small size of their leaves; they develop their roots in so short a time that the latter are practically in advance of the leaves. The character is still more noticeable in this new variety which, for that reason, we have called it "Leafless." A very early and quite distinct variety, of beautiful bright color. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

TRIUMPH SCARLET STRIPED, FORCING.

A very desirable addition to our forcing sorts. The roots are about the size and shape of Scarlet Turnip White Tipped, Forcing, but are creamy-white, beautifully marked with spots and dashes of carmine. The tops are small. The roots mature as early as any variety in cultivation. Desirable on account of its distinct color, earliness and good quality. Oz., 20c.; 2 ozs., 35c.; ¼ lb., 60c.; 1 lb., \$2.00.

THE CININNATI MARKET.

The tops of this new Radish are very small and may stand much closer in the rows than Wood's Early Frame or Long Scarlet, without danger of running to seed. They grew straight and smooth and from 6 to 7 inches long. The flesh is very tender, crisp and delicious, never becoming pithy or hollow. The skin is very thin and is of an attractive, bright, scarlet color. 5 lbs., \$2.50; 1 lb., 60c.; ¼ lb., 20c.; oz., 10c.

VAUGHAN'S MARKET.

The best early long white Radish, exceedingly tender and fine flavored. Half long white Radish, resembling the Strassburg in size, but of quicker growth; very smooth and regular in appearance, with pure white skin and exceedingly delicate and brittle. 5 lbs., \$2.50; 1 lb., 60c.; ¼ lb., 20c.; oz., 10c.

BRIGHTEST LONG SCARLET, or CARDINAL.

This new sort resembles the Early Long Scarlet in shape and is fit for use in 25 days after sowing. Its color is the brightest scarlet we have ever seen in any Radish; the tails are tipped white. This sort outsells any other long Radish put in competition with it on the market. 5 lbs., \$2.00; 1 lb., 50c.; ¼ lb., 15c.; oz., 10c.

The Radish seed crop in France, the early varieties in particular, was almost a total failure this year, hence the advance in prices. Gardeners should be particularly careful this year of whom and what they buy.

EARLY LONG SCARLET, SHORT TOP.

The standard long variety for market and home gardens. Root long, growing partly above ground; straight, smooth, rich scarlet color; very crisp and a quick grower. Our seed is specially selected. 5 lbs., \$1.75; 1 lb., 40c.; ¼ lb., 15c.; oz., 10c.

VAUGHAN'S EARLY SCARLET GLOBE WHITE TIP.

The Best and Quickest of the White Tips.

An extremely quick-growing sort; bright scarlet, with a white tip, short tops and thin tails, of excellent quality. 5 lbs., \$3.20; 1 lb., 70c.; ¼ lb., 25c.; oz., 10c.

SCARLET TURNIP WHITE TIP.

Vaughan's Selected Stock.

This is the leading kind in the Chicago market and our stock is just right—in color, shape, size and time to mature. All sorts of inducements are held out to the gardeners by our competitors to plant their stock of "Tips" but gardeners that know Vaughan's Stock will have no other at any price. Oz. 10c.; ¼ lb., 15c.; 1 lb., 45c.; 10 lbs., \$4.00.

Bertram Forcing. One of the best forcing.	Oz.	¼ lb.	1 lb.	5 lbs.
Turnip shape.....	\$0 10	\$0 20	\$0 65	\$
Non Plus Ultra. Rich scarlet. Turnip shape; good forcer	05	15	50	2 00
Early Deep Scarlet Turnip	05	15	50	2 25
Improved Breakfast .....	...	...	...	2 00
Earliest White Turnip. Short Top, (white box)	05	15	45	2 00
Olive-Shaped Deep Scarlet. Similar to our "20-Day"	10	20	60	2 50
Olive-Shaped White	05	15	45	
Half-Long Deep Scarlet	05	15	40	1 80
French Breakfast. Quick and handsome.	05	15	50	2 25
Early White Stuttgart. Extra selected stock	05	15	45	2 00
Black Summer Turnip	05	15	50	2 00
Yellow Summer Turnip	05	15	45	
Golden Yellow Summer Turnip	05	15	45	2 15
Early Wood's Frame. A very good early long scarlet	05	15	50	2 25
Improved Chartiers. Long scarlet, white tip	05	15	50	2 25
Long White Strassburg. Best stock	05	15	50	2 25
Long White Vienna	05	15	45	2 00
Round Black Spanish	05	15	40	
White Spanish Winter	05	15	40	
Long Black Spanish	05	15	40	
Chinese Mammoth, or Celestial	10	30	1 00	
California Mammoth White Winter	10	20	60	
Rose or Scarlet China Winter	05	15	55	

HALF LONG BLACK WINTER.

An American sort of the same general character as the Long Black Spanish, but by many considered superior to either the Round or the Long Black Spanish. It is intermediate in shape between the two and seems to combine the good qualities of both. Oz., 10c.; 2 oz., 15c.; ¼ lb., 20c.; 1 lb., 50c.

NEW "ICICLE" RADISH.

Entirely distinct, long, slender, pure white, the earliest and finest long white. It is ready for use fully as early as the Long Scarlet Short Top, with less foliage, rendering it most desirable for forcing. In the open ground the roots continue brittle, crisp and mild, until they are fully as large as those of the Long Cardinal. It is superior to the finest red ones in quality. Roots pure snowy white, four inches in length and half an inch in diameter; they retain their crispness and fresh, mild flavor until fully six inches long and an inch in diameter.

Oz., 10c., ¼ lb., 20c.; lb., 50c.

VAUGHAN'S SUGAR PIE PUMPKIN.

This makes a pie which most people consider superior to one made from any other variety. The nearly round, comparatively small fruit has a smooth, yellow skin. The seed cavity is small, the flesh solid. **Flesh very thick, sweet and fine flavored. Makes delicious pies.**

Oz., 10c.; ¼ lb., 20c.; lb., 50c.

ICICLE—THE QUICKEST LONG WHITE RADISH.



CHICAGO WARTED HUBBARD SQUASH.

Our strain of the above will produce mainly the type shown in our photo engraving, which we consider the **Ideal Hubbard** for home or for market. **5 lbs., \$5.00; lb., \$1.00; ¼ lb. 30c.; oz., 10c.**

HUBBARD.—An extra choice selection, none better in the market. **Lb., 75c.; ¼ lb., 25c.; oz., 10c.**

NEW RED OR GOLDEN HUBBARD.—A perfect type of the green Hubbard, except in color, which is a bright, deep, orange yellow, very showy and attractive. Its keeping qualities are fully equal to, while in productiveness it far excels the old variety. **Lb., 80c.; ¼ lb., 25c.; oz., 10c.**

Vaughan's Summer Crookneck. **Lb., 60c.; ¼ lb., 20c.; oz., 10c.**

Summer Crookneck. **Lb. 40c., ¼ lb., 15c.; oz. 10c.**

Mammoth White Bush. A very select and profitable strain for market. **Lb., 50c., ¼ lb., 15c.; oz., 10c.**

White Bush Scalloped. **Lb., 40c.; ¼ lb., 15c., oz., 10c.**

Mammoth Golden Bush Scalloped. **Lb., 50c.; ¼ lb., 15c.; oz., 10c.**

Yellow Bush Scalloped. **Lb., 40c.; ¼ lb., 15c.; oz., 10c.**

	Oz.	¼ Lb.	Lb.
Faxon Brazilian	\$0 10	\$0 20	\$0 60
Delicata	10	20	50
Boston Marrow	10	15	40
Chicago Orange Marrow, 10 lbs., \$5.00	10	20	50
Fordhook Early	10	20	60
Essex Hybrid	10	25	75
Marblehead	10	20	50
Pike's Peak, or Sibley, crop failed.			
Vegetable Marrow	10	20	60
"Straight Neck"	10	20	50
Heart o' Gold, new, pkt., 10c.; ½ oz., 25c.	40		
Golden Bronze, new	15	40	1 25
Hard Shelled Marrow, new	15	40	1 25

TURNIP.

White Milan, (The earliest of all.) Amongst the finer Turnips we know, this takes the first rank by its unexcelled earliness and its beautiful shape. It is so smooth and neat as to look polished by hand. **Lb., 70c.; ¼ lb., 25c.; oz. 10c.**

	Oz.	¼ Lb.	Lb.
Extra Early Milan	\$0 05	\$0 15	\$0 50
Early Purple Top Munich	05	15	40
Purple Top Strap Leaf, 10 lbs., \$2 50.	05	13	30
White Egg	05	15	40
Purple Top White Globe (10 lbs., \$2 75)	05	15	30
White Flat Dutch (5 lbs., \$1 40)	05	13	30
Pomeranian White Globe	05	13	35
Yellow Aberdeen	05	15	40
Sweet German	05	15	40
Golden Ball	05	15	40
Long Cowhorn	05	13	30
Early Snowball	05	15	50
Seven Top	05	15	40

RUTABAGAS.

Monarch	} Each, oz., 5c. ¼ lb., 15c. lb., 40c.
Laing's Swede	
New Breadstone	
Carter's Imperial Swede	
American, Improved	
Skirving's Rutabaga	
White Swede	
Sutton's Champion	



MAMMOTH SANDWICH
ISLAND SALSIFY.

RHUBARB.—Mammoth, oz., 15c.; ¼ lb., 35c.; lb., \$1.25.
Rhubarb Roots, clumps, each, 15c.; doz., \$1.50; per 100 \$12.00.
Seedlings, per 100 \$4.50.

RHUBARB.

SALSIFY.

Mammoth Sandwich Island, fine strain.....oz., 10c.; ¼ lb., 35c.; lb., \$1 25
Long White.....oz., 10c.; ¼ lb., 25c.; lb., 85c.
SCORZONERA, Black Salsify.....oz., 15c.; ¼ lb., 40c.; lb., \$1 50
SORREL, broad leaved French.....oz., 10c.; ¼ lb., 30c.; lb., \$1 00

SPINACH.

Extra Large Round Leaved.....10 lbs., \$1 20; lb., 15c.
Long Standing.....10 lbs., \$1 20; lb., 15c.
(Either kind, 50 lbs., \$7 50; 100 lbs. \$10.00.)
Bloomsdale.....100 lbs., \$12 00; 10 lbs., \$1 40; lb., 20c.
Large Round Viroflay.....100 lbs., \$12 00; 10 lbs., \$1 40; lb., 20c.
Prickly Seeded.....10 lbs., \$1 50; lb., 20c.
Tetragonia, or New Zealand.....¼ lb., 20c.; lb., 60c.
Victoria.....100 lbs., \$12 00; 10 lbs., \$1 40; lb., 20c.

VAUGHAN'S TOMATO SEED.



VAUGHAN'S EARLIEST OF ALL.

Vaughan's selected strain. The earliest good Tomato. We have found it absolutely the earliest of 200 kinds: it is of medium size only and is somewhat wrinkled, hence cannot be planted largely for market, as it will not sell with main crop varieties when they come; but it certainly should be used in a small way by every planter for a first early. $\frac{1}{4}$ lb., 90c.; oz., 30c.; $\frac{1}{2}$ oz., 15c.; pkt., 10c.

FROGMORE SELECTED FORCING.

A free cropping, free setting, medium sized variety, very uniform and smooth, almost round, solid and very firm; color, clear bright scarlet, with very deep flesh and remarkably small seed space. Selected seed. Pkt., 15c.; $\frac{1}{2}$ oz., 25c.; oz., 50c.

SUTTON'S BEST OF ALL.

One of the very best for under glass culture. It sets very freely and is an immense cropper, producing heavy bunches of fruit at short intervals all over the plant. Color, a deep scarlet; of good size and the fruit very solid and producing very little seed. Pkt., 10c.; $\frac{1}{2}$ oz., 25c.; oz., 50c.

CRIMSON CUSHION, or BEEFSTEAK TOMATO.

Fruit very large, round and regular; bright scarlet color; flesh solid and of best quality; cells small and few in number. The plants are very productive. The fruit is of fine form and appearance, and will stand shipment well. Lb., \$3.50; $\frac{1}{4}$ lb., \$1.00; oz., 30c.; $\frac{1}{2}$ oz., 15c.; pkt., 5c.



THE NEW STONE.

VAUGHAN'S IMPROVED STRAIN.

The Tomato for a Main Crop. Choicest seed. If asked to select one main crop, market sort, we would advise this. Color fine scarlet, stem (calyx) set high, core small and shallow, so that but little is lost when it is taken out of the fruit before slicing. We want to make what we say of this kind definite, because there are very many good kinds and a long list is confusing. If in doubt, buy the New Stone for market, or home use for that matter. Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 25c.; $\frac{1}{2}$ oz., 15c.; pkt., 10c.

SPARK'S EARLIANA.

The Earliest Large Smooth Red Tomato.

This tomato is not only remarkable for its earliness, but for its very large size, handsome shape and bright red color. Its solidity and fine quality are quite equal to the best medium and late sorts. From less than 4,000 hills the originator realized from his first pickings \$725.00 clear of freight and commission, being in the market fully a week before all others. Lb., \$5.00; $\frac{1}{4}$ lb., \$1.40; 2 ozs., 85c.; oz., 50c.; $\frac{1}{2}$ oz., 25c.; pkt., 10c.

SEE ALSO NOVELTIES

OUR TOMATO SEED

has all been grown by Tomato Specialists, who plant for seed only. It is not as cheap as that from canning factories, but it is GOOD and RELIABLE, and will give satisfaction.



EARLY MICHIGAN

There is no better variety than this for general market use. For smoothness and regularity of shape, uniformity of size, color and freedom from rot or cracking, this variety is unsurpassed. Its first fruits are very early, but the vines continue to bear for a long time. Vines large, with large, dark green leaves, vigorous and wonderfully productive, being under high culture, one of the heaviest croppers; fruit medium size to large, and unlike most varieties, grows larger as the season advances, perfectly smooth, solid but without any core; deep, rich, red color and of excellent flavor. Lb., \$1.80; $\frac{1}{4}$ lb., 55c.; 2 ozs., 35c.; oz., 20c.; pkt., 5c.

"ROSALIND."

A valuable novelty, combining with its distinctive beautiful rose color all the good qualities of the best standard varieties. It is large and of uniform round shape, strictly smooth and solid, and of fine, mild flavor; medium early and very productive. It promises to become a standard main crop Tomato of the highest class. 2 ozs., 45c.; oz., 25c.; $\frac{1}{2}$ oz., 15c.; pkt., 5c.

THE ENORMOUS.

The fruit grows very large and very smooth, with solid meat and few seeds. It is oval in shape rather than round, like "Stone". It is very solid for so large a Tomato, and keeps well on vine after ripening; has rather few seeds and ripens with the common varieties also ripens all over and through at one time. The color is a clear, deep red, without purple tint or shading. It is the largest of all Tomatoes, the hardest and one of the best keepers and shippers. On account of its peculiar growth of having one very strong main vine it is well adapted to growing to single stem. Lb., \$3.00; $\frac{1}{4}$ lb., 85c.; 2 ozs., 50c.; oz., 30c.; $\frac{1}{2}$ oz., 15c.; pkt., 10c.

HONOR BRIGHT.

The Best for Late Crop and Distant Markets.

An enormous bearer of uniformly good fruit. This, when allowed to ripen on the vine, is of excellent quality, and when ripened off the vine, while in transit to some distant market, or on shelves in the house after frost has killed vines, is of better quality than that of most kinds so ripened. Lb., \$2.50; $\frac{1}{4}$ lb., 70c.; 2 oz., 40c.; oz., 25c.; $\frac{1}{2}$ oz., 15c.; pkt., 5c.

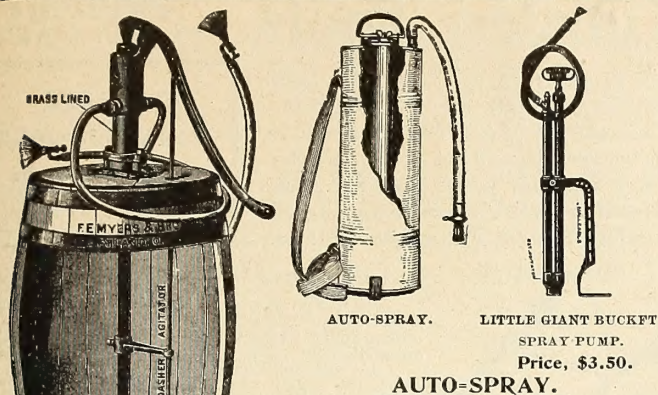
MAGNUS.

This new variety of the color of "Beauty" is thicker, heavier and more solid than it. It is unsurpassed in quality, and in the production of fine, large fruits. While perfectly adapted to main crop planting, yet it matures so quickly that it will take first rank for early market. The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. The fruits are very deep from stem to blossom end; many of them being almost globe shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. It has been tested for several years for staking up in the open field, as well as for forcing in greenhouses, and it is splendidly adapted to such purposes. Lb., \$2.50; $\frac{1}{4}$ lb., 70c.; 2 oz., 40c.; oz., 25c.; $\frac{1}{2}$ oz., 15c.; pkt., 10c.

WELL-KNOWN STANDARD VARIETIES.

Per pkt 5c of any of the following:

	Large, early,	$\frac{1}{2}$ oz.	1 oz.	2 ozs.	$\frac{1}{4}$ lb.	1 lb.
Favorite. smooth.....	\$0 12	\$0 20	\$		\$0 50	\$1 75
Fordhook First. A good, first early	12	20	...		60	2 00
Golden Queen. Rich, deep yellow	12	20	...		60	2 00
Ponderosa. Largest and meatiest.	20	30	...		95	.....
Trophy. The old favorite	10	15	...		45	1 65
Atlantic Prize. Scarlet, good size, early.....	12	20	35		60	2 00
Acme. Vaughan's selected stock ..	12	20	30		55	1 80
Beauty. An extra fine strain.....	12	20	30		50	1 70
Perfection. Hard to beat for a scarlet	12	20	30		50	1 60
Early Dwarf Champion. Fruit like Acme	12	20	35		60	2 00
Early Scarlet Champion. New...	15	30				
Dwarf Aristocrat. Choice seed...	15	25	40		70	2 50
See also Novelties.						
Red Currant. Small	15	25	...		...	.....
Mikado, or Turner's Hybrid	12	20	...		50	1 80
Red Cherry, Yellow Pear, Yellow Plum, each	15	25	...		...	.....



AUTO-SPRAY.

LITTLE GIANT BUCKET
SPRAY PUMP.

Price, \$3.50.

AUTO-SPRAY.

Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. This means that the "Auto-Spray" can be charged in fifteen seconds, when it will work uninterrupted long enough to spray a quarter-acre of potatoes.

DOUBLE-ACTING BARREL
SPRAY PUMP NO. 303.

The "Auto-Spray" is light and being carried by a shoulder strap, a boy can carry it with ease and can cover Ten Times More Area in a day than can be covered with the old style sprayers which require the operator to be constantly pumping in order to do the spraying. The "Auto-Spray" does the work as fast as a man can walk.

Descriptive circular sent on application.

Price, Auto-Spray, made with galvanized iron reservoir \$4.50.
with solid copper reservoir, \$6.00.

DOUBLE ACTING BARREL SPRAY PUMP.

With Brass Upper and Brass Lined Lower Cylinders, Brass Bucket, Valve Seat and Valve. All Working Parts are Brass.

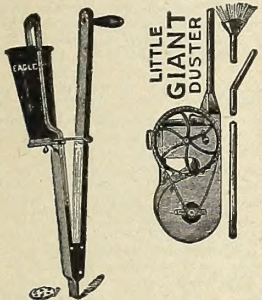
Complete except barrel, consisting of one pump, 3 feet of suction pipe, strainer and agitator, and two leads of 1/2-inch 3-ply hose, 5 feet long, and two Vermorel or Bordeaux spray nozzles. Price, \$9.00.

THE MCGEE CULTIVATOR.

This tool straddles the row and the handles can be moved independent of each other. Each handle has one of the knives attached to it and is held steady by a spring so that the blades can be moved up to or away from the plants, as desired. This can be done with such ease, and so accurately after becoming used to the machine, that a man will work it as fast as he can walk and cut the weeds closer to the plants than can be done by any other cultivator. Price \$5.00.

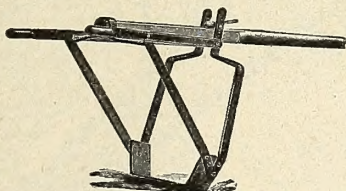
A. H. MATHEWS' GARDEN DRILL.

The name "Mathews" has long been well-known in connection with the making of reliable Garden Seed Drills, and this one is known as the "SQUARE BOX MATHEWS" in distinction from the older "Round" hopper ingenious and valuable Yankee improvements. The seed dial, the indicator, the markers, the shut-off, and adjustable handles are all good features. Good value at the price, \$6.75.



EAGLE HAND
CORN PLANTER
Price, \$1.25.

LEGGET'S LITTLE GIANT DUSTER
is the best Dry Powder Gun, can
dust two rows at a time.
Each, \$5.00.



THE BOHLEN CELERY DIGGER.

THE BOHLEN CELERY DIGGER.

This implement, though in general use about Chicago, has never been brought to the attention of celery growers elsewhere.

It does away with the back breaking labor of digging celery with a spade. It is made in two sizes, one to be drawn by a team of horses and the other by hand, the smaller one being designed for use where the ground is too soft for horses or the celery is planted in close rows.

Being made of wrought iron it is indestructible and the low price (\$10.00 for the horse machine and \$6.00 for the other) puts it within the reach of all celery growers.

We wish to add that the smaller machine is unexcelled for cutting spinach. PRICE, f.o.b. Chicago. Large size, \$1.00; Small size, \$6.00. If shipped from New York, add 45c.

ECLIPSE ATOMIZER. For spraying Paris Green, etc.

We offer the Eclipse in two styles, each having exactly the same dimensions and efficiency with details as follows:

No. 1 has heavy hard spring brass air pump and tank, 1/4-inch Bessemer steel piston, with a first-class heavy sole leather cup valve especially treated for durability and put together with nuts and washers so that in case repair leather is ever needed it can be easily replaced in a minute.

No. 2 is exactly like No. 1 in every detail, except material in air chamber, which is heavy xxx redpainted tin, gold lacquered on outside and resembling brass. Price No. 1, \$1.25; No. 2, 60c. Postage on these is 47c. each; expressage, 25c. within 500 miles of Chicago or New York.

Fertilizers.

"THE FIELD AND GARDEN."

Is the title of a booklet on Fertilizers with some general suggestions for the culture of the more important Field and Garden crops. We will mail a copy free to those who ask for it.

VAUGHAN'S HIGH GRADE TRUCK AND FARM MANURE.

This is our best brand of concentrated Manure, suitable for lawns and flowers as well as the vegetables mentioned below. It is of exceptional value and will prove a money maker to every farmer or gardener that uses it.

TO BE USED ON

	at the rate of	1000 lbs. per acre.
Asparagus.....	"	400 to 600 "
Beans.....	"	500 to 1500 "
Beet.....	"	400 to 1500 "
Cabbage.....	"	300 to 800 "
Carrot.....	"	600 to 800 "
Celery.....	"	400 to 800 "
Cucumber.....	"	500 to 1000 "
Lettuce.....	"	500 to 1000 "
Onion.....	"	500 to 1000 "
Tomato.....	"	500 to 1000 "
Strawberries.....	"	500 to 1000 "

Price, 25 lbs., 70c.; 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.75; 1000 lbs., \$17.75; 2000 lbs., \$35.00. If shipped from New York add 50c. to the 100 lb. and \$7.00 to the ton rate.

TRUCK MANURE No. 2.

"ALL SOLUBLE."

This brand has been prepared for such crops as require an extra quick, strong fertilizer; should be mixed well into the soil. Adapted for tobacco, hops, potatoes, flax, sugar beets, early cabbage, cauliflower, celery, fruits, etc., also very effective as an early top dressing for strawberries, suitable for all soils (except sour). Quantity of pounds to be used per acre: Corn, 300 to 500; Clover, 200; Timothy, 200; Pastures, 200 to 600; Early Cabbage and Melons, 400 to 800; Peas, 400 to 800; Pumpkin and Squash, 300 to 600; Radish and Spinach, 500 to 1000.

Price, 25 lbs., 70c.; 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., 3.50; 1000 lbs., \$15.50; 2000 lbs., \$30.00. If shipped from New York add 40c. per 100 lbs. to these prices.

FRUITS AND ROOT CROP MANURE.

For fruit trees and small fruits, garden truck, tobacco, etc. Quick in starting, lasting in effect, giving firm, healthy growth and developing the fruit. Quantity of pounds to be used per acre: Beet 500 to 1500; Carrot, 300 to 800; Parsnip, 400 to 1,000; Potato, 500 to 1,000; Sage, 200 to 600; Salsify, 500 to 1,000; Turnip, 500 to 1000; Blackberries, 400 to 800; Grapes, 400 to 500; Strawberries, 500 to 1,000.

Price, 25 lbs., 60c.; 50 lbs., 95c.; 100 lbs., \$1.65; 200 lbs., \$3.25; 500 lbs., \$7.00; 1000 lbs., \$13.50; 2000 \$26.00. If shipped from New York add 40c. per 100 lbs. to these prices.

MURIATE OF POTASH.

A form of Potash Salts to be used with Bone Meal, Bone and Blood or farm manures on fruits, celery, asparagus, corn, oats, turnips, cucumbers, grapes, carrots, onions, peas, clover and beans. Must not be used on hops, potatoes, tobacco, flax, sugar beets, cabbage or cauliflower, 50 to 400 pounds per acre.

100 lbs., \$3.00; 200 lbs., \$5.80; 500 lbs. \$13.75; 1000 lbs., \$27.00; 2000 lbs., \$53.00. If shipped from New York add 40c. per 100 lbs. to these prices.

SULPHATE OF POTASH.

A desirable form of Potash to be used on all crops, but especially on tobacco, hops, potatoes, flax, sugar beets, cabbage or cauliflower. Use 50 to 400 lbs. per acre.

100 lbs., \$3.50; 200 lbs., \$6.75; 500 lbs., \$15.00; 1000 lbs., \$29.00; 2000 lbs., \$58.00. If shipped from New York add 40c. per 100 lbs. to these prices.

BONE AND BLOOD

For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hard wood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops drill in from 300 to 500 lbs. per acre.

Price, 25 lbs., 50c.; 50 lbs., 85c.; 100 lbs., \$1.50; 200 lbs., \$2.80; 1000 lbs., \$12.50; 2000 lbs., \$24.00. If shipped from New York add 40c. per 100 lbs. to these prices.

NITRATE OF SODA, or Chili Saltpeter.

Nitrate of Soda is not a substitute for other manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must in some way furnish the plants with nitrate.

HOW TO USE NITRATE OF SODA.

The lumps in this should be removed by sifting; they should be broken up, which is easily done by pounding.

For Asparagus, a top dressing of 250 lbs. per acre just as soon as the first shoots make their appearance.

For Beets, a top-dressing of from 50 to 100 lbs. per acre once every week or ten days for at least three or four weeks after the plants have well started.

For Cabbage and Cauliflower, a top-dressing of 100 lbs. per acre after the plants have begun to make growth after transplanting, and 200 lbs. per acre more after the heads begin to form.

For Cucumbers for Pickles, a top-dressing of 100 lbs. per acre after the plants begin to run.

For Celery, frequent and reasonably heavy top-dressings of 100 lbs. per acre or more well worked into the soil after the plants are established.

For Onions, a top-dressing of from 75 to 100 lbs. two or three times at intervals of about three weeks, after the crops have well started.

For Strawberries, a top-dressing of about 100 lbs. per acre after the plants have blossomed.

Price (subject to market changes), 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00, 100 lbs., \$3.25; 500 lbs., \$15.00; 1000 lbs., \$28.50; 2000 lbs., \$56.00.

"Planet Jr." Farm and Garden Tools.

**PREPAID
TO CASH BUYERS**

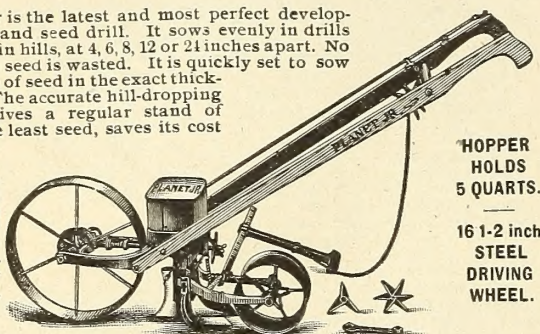
**Prepaid Everywhere
in the U. S. East
of the
Rocky Mountains.**

These Standard Garden Tools prepaid to customers of Vaughan's Seed Store from Chicago or New York. To all railway stations in the U. S. east of the Rocky Mountains, if order for Tools, or Tools and Seeds combined, amounts to not less than \$7.50. This prepayment applies to tools only and not to other articles offered in this catalogue unless they are marked "prepaid" where described. Our two central locations, Chicago and New York, offer us the best possible shipping advantages, which we now give our customers in free delivery of these garden tools.

**COMPLETE
"PLANET JUNIOR"
Descriptive Catalogue
SENT FREE.**

PLANET JR., No. 5 HILL AND DRILL SEEDER.

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills and also drops in hills, at 4, 6, 8, 12 or 24 inches apart. No time is lost; no seed is wasted. It is quickly set to sow different kinds of seed in the exact thickness desired. The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect. Price, \$12.50.



**HOPPER
HOLDS
5 QUARTS.**

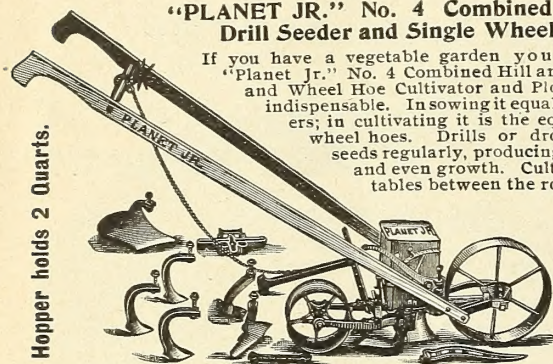
**16 1-2 inch
STEEL
DRIVING
WHEEL.**

"PLANET JR." No. 3 HILL AND DRILL SEEDER.

This is the same tool as the No. 5 seeder and just as good, except that it is smaller in size. The hopper holds three quarts; 15 inch patent steel driving wheel. Price, \$10.00.

"PLANET JR." No. 4 Combined Hill and Drill Seeder and Single Wheel Hoe.

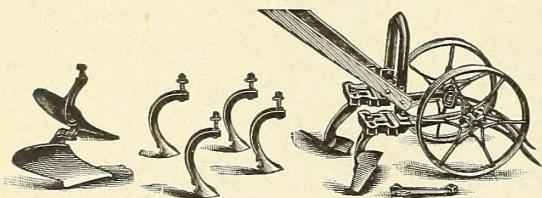
If you have a vegetable garden you will find the "Planet Jr." No. 4 Combined Hill and Drill Seeder, and Wheel Hoe Cultivator and Plow to be almost indispensable. In sowing it equals our best seeders; in cultivating it is the equal of our best wheel hoes. Drills or drops all garden seeds regularly, producing regular stand and even growth. Cultivates all vegetables between the row, on each side of the row, throws dirt to or from the row, hills up, marks out, plows, levels, etc. Instantly changed from one to the other.



Hopper holds 2 Quarts.

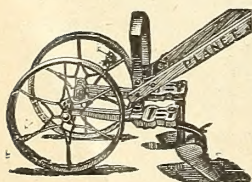
This tool cannot be too highly recommended. Price, complete, \$9.50. As a Drill only, \$7.50.

No. 12 DOUBLE WHEEL HOE.



This perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. The 11-inch wheels can be set at four different distances apart; the frame can be set three different heights. Cultivates all vegetables astride or between the rows. Attachments for every purpose. Price, \$6.00.

No. 13 DOUBLE WHEEL HOE.



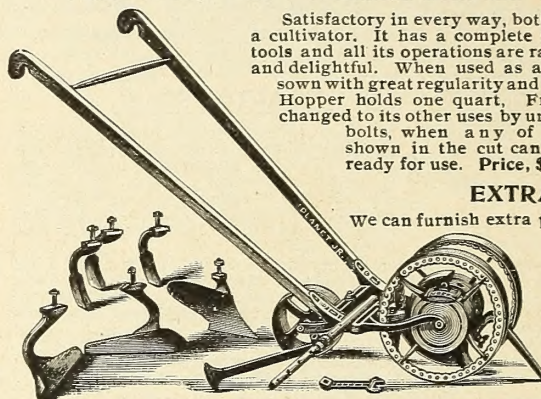
This tool is the No. 12, with 6-inch hoes only, these being the tools that are most generally useful. Any or all of the other tools shown with No. 12 may be added at any time, and are sure to fit.

Price, \$4.00.

NOTE

There is much more about Planet Jr. Tools in our new 1902 Special Planet Jr. Catalogue, which is the finest published. Tells also about Horse Hoes, Cultivators, Harrows, Two-Horse Cultivators, Seeders, Single and Four Row Beet Cultivators, and reduced prices for 1902. Sixteen pages of photographic views show how "Planet Jrs." are used at home and in many foreign countries. We mail them free.

"PLANET JR." No. 1 Combined Drill and Wheel Hoe.

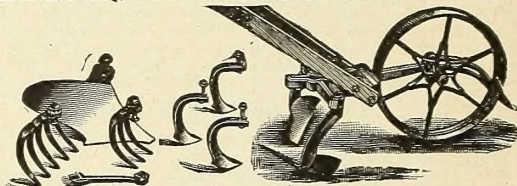


Satisfactory in every way, both as a drill and as a cultivator. It has a complete set of cultivating tools and all its operations are rapid, easy, perfect and delightful. When used as a drill the seed is sown with great regularity and at uniform depth. Hopper holds one quart. From a drill it is changed to its other uses by unscrewing but two bolts, when any of the attachments shown in the cut can be quickly made ready for use. Price, \$8.50.

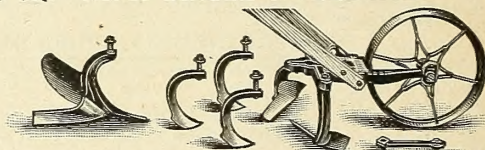
EXTRAS.

We can furnish extra parts of all Planet Jr. Tools. In ordering "extras" the figure and number should be given besides name of part. Send for repair list.

"PLANET JR." No. 16 SINGLE WHEEL HOE.

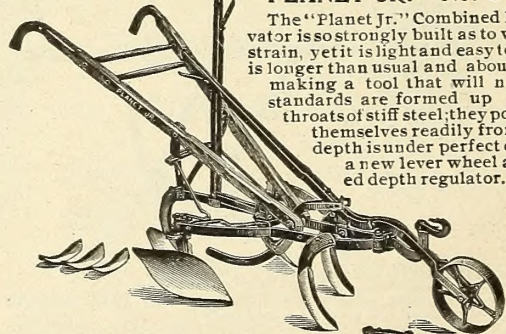


"PLANET JR." No. 17 SINGLE WHEEL HOE.



Our line of Single Wheel Hoes for 1902 has been so improved and has such a great variety of attachments that we offer them unhesitatingly as being the highest type for tools of this class. They are lighter than Double Wheel Hoes, but will do almost the same variety of work. While they can be used for straddling the row they are most generally used between the rows. They are capable of doing all kinds of garden work, and will give the best of satisfaction. Price, No. 16, \$5.00; No. 17, \$4.25.

"PLANET JR." No. 8 HORSE HOE.

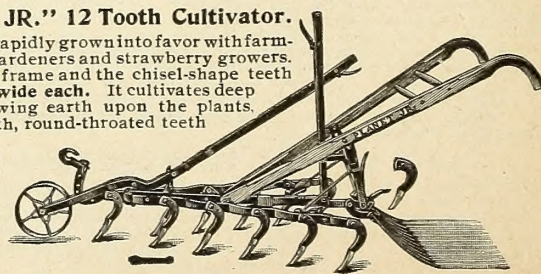


The "Planet Jr." Combined Horse Hoe and Cultivator is so strongly built as to withstand incredible strain, yet it is light and easy to handle. The frame is longer than usual and about 1 1/2 inches higher, making a tool that will not clog easily. The standards are formed up hollow, with round throats of stiff steel; they polish quickly and free themselves readily from obstructions. The depth is under perfect control by means of a new lever wheel and the new patented depth regulator. The expander, an entirely new pattern, superior to all other forms; exceedingly strong, simple, accurate and positive in all positions.

Price, \$7.50.

"PLANET JR." 12 Tooth Cultivator.

This tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame and the chisel-shape teeth cut an inch wide each. It cultivates deep without throwing earth upon the plants, and the smooth, round-throated teeth turn strawberry runners without injuring them. Prices, plain, \$5.00; with wheel, \$6.00; complete, \$7.50.



"Iron Age" FARM and GARDEN TOOLS for 1902.

A COMPLETE DESCRIPTIVE "IRON AGE" CATALOGUE SENT FREE ON APPLICATION.

The "IRON AGE" Garden Tools have become immensely popular, owing to their new and up-to-date construction. They are equipped with high, steel wheels, very light tubular frame, connected with malleable iron castings,—really bicycle construction, and in consequence they are exceedingly light, convenient, easy to handle and very handsome in appearance.

PREPAID.—Orders for these Tools or for Seeds and tools (Seeds not prepaid unless so offered on other pages) amounting to \$7.50 will be prepaid to any railroad station in the United States within five hundred miles of Chicago or New York.

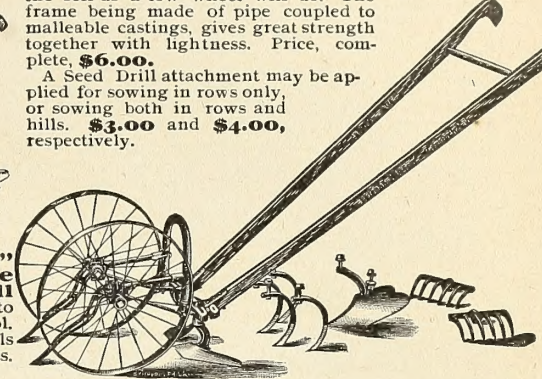
The No. 6 "Iron Age" Combined Double Wheel Hoe, Hill and Drill Seeder. This tool is without question the most practical and complete combined garden tool ever offered the public—the ease and simplicity of adjustment, the lightness combined with great strength, the accuracy by which it drills or hills the seed, and the small amount of power required to operate it, are the important features. The wheel is made of steel, 16 inches high; the frame of pipe, coupled to malleable castings. In each form, whether a Seed Drill, a Double Wheel Hoe, or a Single Wheel Hoe, it is equal to any tool or tools made especially for the one purpose. It places the seed in drills or in hills at 4, 6, 8, 12 or 24 inches apart. Complete as in cut. Price, **\$10.00.**



No. 1 "Iron Age" Double Wheel Hoe. One great advantage which this Double Wheel Hoe possesses is, that it can be made into a practical Single Wheel Hoe in a moment's time. The wheels are 16 inches high, enabling the Wheel Hoe to run easily and without yielding to the inequalities of the soil as a low wheel will do. The frame being made of pipe coupled to malleable castings, gives great strength together with lightness. Price, complete, **\$6.00.**
A Seed Drill attachment may be applied for sowing in rows only, or sowing both in rows and hills. **\$3.00** and **\$4.00**, respectively.



The No. 4 "Iron Age" Combination Double Wheel Hoe and Drill Seeder. This tool is similar to the No. 6 "Iron Age" combined tool. Instead of placing seed in both hills and drills, it places it only in rows. Price, **\$9.00.**

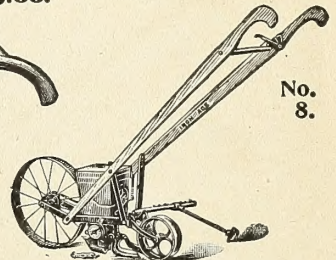
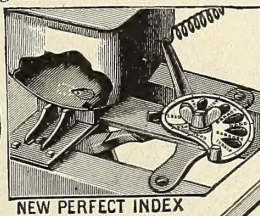


No. 15 "Iron Age," Combined Single Wheel Hoe, Hill and Drill Seeder. Combined in this tool is the best Hill and Drill Seeder and Single Wheel Hoe ever offered the Public. In combining these tools not a single advantage is lost of a separate Single Wheel Hoe or Seed Drill. As each they are, in themselves, complete. Changed from one form to the other almost instantly, completely filling every desire both as to method of handling seed and soil. It places the seed in hills or drills. Price, **\$9.00.** As a Hill and Drill Seeder only (No. 16) — **7.00.**



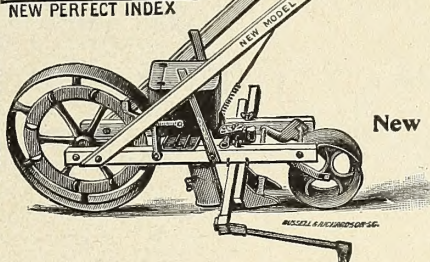
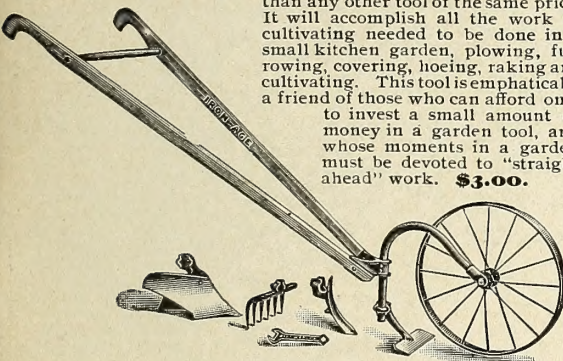
No. 17 "Iron Age" Combined Single Wheel Hoe and Drill Seeder. Same as tool shown in cut except being furnished without hill dropping device. Price, **\$8.00.**

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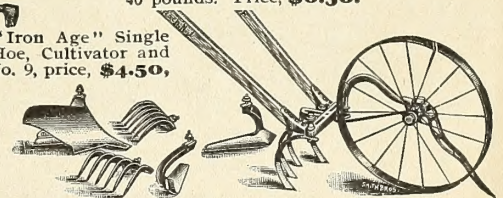
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No. 12 "Iron Age" Wheel Plow and Cultivator. In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price. It will accomplish all the work in cultivating needed to be done in a small kitchen garden, plowing, furrowing, covering, hoeing, raking and cultivating. This tool is emphatically a friend of those who can afford only to invest a small amount of money in a garden tool, and whose moments in a garden must be devoted to "straight ahead" work. **\$3.00.**



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Single Wheel Gem

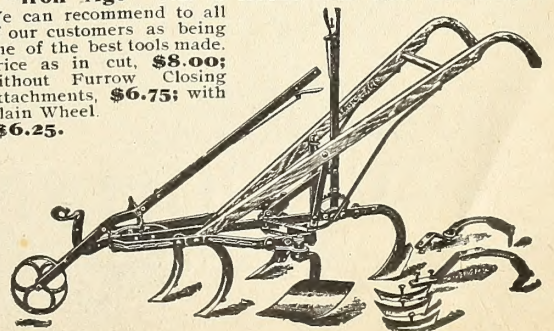
No. 1 Includes 5 stirring teeth, 1 shovel narrow, 1 shovel wide, 1 pair plows. Price, not prepaid, **\$4.25.**

Double and Single Wheel Gem No. 2. This has in addition to the Single Wheel machine the double wheel attachment and two extra steel blades. Price, **\$5.50.**

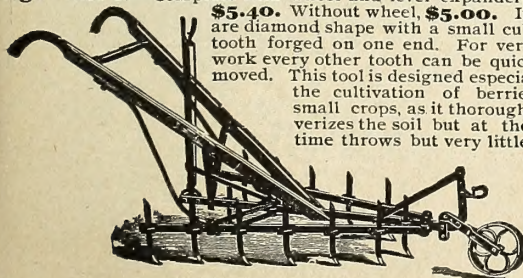
Double Wheel Gem No. 3 includes main frame, double wheels and one pair of side hoes. Price, **\$5.00.**

"Iron Age" No. 6 Horse Hoe and Cultivator.

We can recommend to all of our customers as being one of the best tools made. Price as in cut, **\$8.00**; without Furrow Closing Attachments, **\$6.75**; with Plain Wheel, **\$6.25.**



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